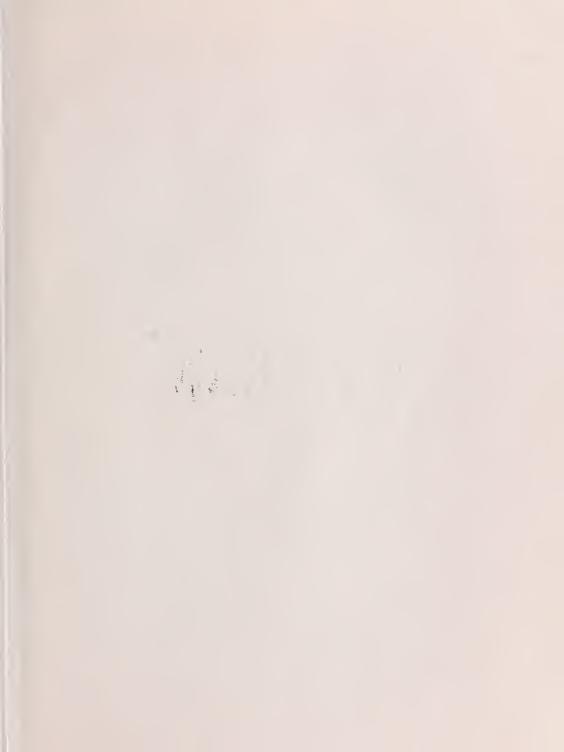


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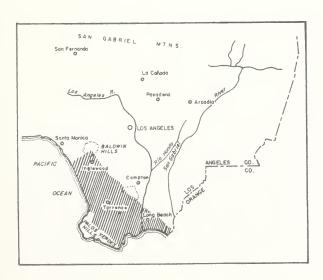
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IN THE

WEST COAST BASIN

LOS ANGELES COUNTY



FOR PERIOD

OCTOBER 1, 1974
THROUGH

SEPTEMBER 30, 1975

DECEMBER 1975

CLAIRE T. DEDRICK Secretary for Resources The Resources Agency EDMUND G. BROWN JR.

Governor

Stote of California

RONALD B. ROBIE

Director

Department of Water Resources



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State of California The Resources Agency DEPARTMENT OF WATER RESOURCES

Edmund G. Brown Jr., Governor
Claire T. Dedrick, Secretary for Resources
Ronald B. Robie, Director, Department of Water Resources
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FOREWORD

The Department of Water Resources, as Watermaster, is pleased to submit this report of water supply conditions in the West Coast Basin during the 1974-75 water year. It is prepared annually in accordance with the provisions of the Los Angeles County Superior Court Judgment in the West Coast Basin. The Judgment, together with Part 4, Division 2, of the California Water Code, authorizes this publication and the Department's administration of the Watermaster Service Area.

The report includes information on ground water extractions, use of imported water, recharge operations, the administration of the water Exchange Pool, and a financial report on Watermaster Service during the 1974-75 water year.

The Watermaster wishes to acknowledge and express his appreciation for the assistance and support received from the many public and private organizations and individuals whose contributions were essential to this report.

The success of Watermaster Service is dependent on the continued cooperation and communication between the Watermaster and the public that he serves. The Watermaster requests your suggestions to assist him in responding to your requirements.

Jack J. Coe, Chief Southern District and Watermaster

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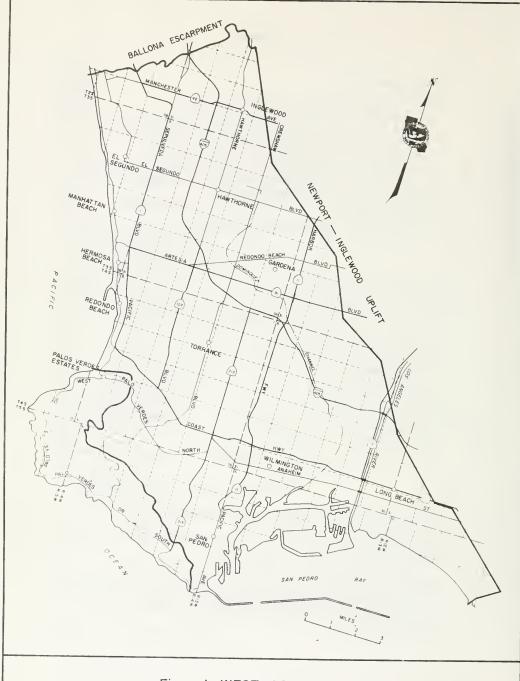


Figure I. WEST COAST BASIN

1. THE WEST COAST BASIN

The West Coast Basin is a relatively small ground water basin underlying the southwestern part of the Los Angeles Coastal Plain. It is bounded on the north by the Ballona Escarpment, on the east by the Newport-Inglewood Uplift, and on the south and west by the Pacific Ocean. The Basin's 160 square miles include 19 incorporated cities. A substantial portion of the water needed by them can be pumped directly from the ground water in storage.

Some 21 years ago, when an intrusion of sea water caused by declining water levels threatened the quality of the ground water supply, legal action was begun to halt the overdraft and prevent serious damage to the Basin. Today ground water use in the Basin is monitored by a court-appointed Watermaster whose primary job is to control ground water use and report all significant water-related events in the Basin to the Superior Court of Los Angeles County and parties to the West Coast Basin Judgment. The Basin has been operated under the management of a Watermaster for 14 years.

History of Water Resources Development

The absence of adequate surface water supplies in the West Coast Basin forced the early development of ground water sources. In 1870, the communities of Inglewood and Long Beach tapped the artesian wells and springs east of the Newport-Inglewood Uplift. When they stopped flowing, water users were forced to drill shallow wells. By 1904, about 100 wells were producing 10,000 acre-feet annually. The techniques used to develop ground water were advanced dramatically in 1909 with the advent of the deep-well turbine pump. Its tremendous adaptability and superior operating characteristics gave countless users access to efficient water wells. Dependable sources of water attracted industry and agriculture and in time the demand for water exceeded the rate at which the Basin was being replenished naturally. The resulting overdraft was shown by falling ground water levels and increasing sea-water intrusion. Water levels throughout the Basin dropped below sea level in the 1920's. By 1920, wells along Santa Monica Bay were abandoned because the water was too salty. By 1932, the entire coastal reach of the Basin had been invaded by sea water.

Ground water deterioration continued until 1945, when the California Water Service Company, the City of Torrance, and the Palos Verdes Water Company filed suit in Superior Court, Los Angeles County. Their objectives: to quiet title to the ground water rights of each pumper and to establish control over ground water extractions from the Basin. Other organizations moved to support the litigations and the West Basin

Water Association was formed in 1946. A plan to manage the Basin's water resources was set up to:

- 1) Provide a supplemental supply for major producers:
- 2) Limit ground water extractions;
- Create an exchange pool to provide pumping rights for users not having access to supplemental water.

The first of these steps was realized in 1947 when the West Basin Municipal Water District (WBMWD) was formed to distribute water from the Colorado River. WBMWD was annexed to The Metropolitan Water District of Southern California (MWD) in 1948, and Colorado River water began flowing into the West Coast Basin.

In 1946, the second and third steps occurred with the Court's preliminary hearings to define the ground water problem and outline areas about which more information was needed. The Court asked the Department of Water Resources (DWR), to define the boundaries and determine the geohydrologic characteristics of the West Coast Basin. The Department spent six years analyzing the physical properties of the Basin. The major water producers also retained an "Engineering Advisory Committee" to aid in the investigation.

As more information became available, the full magnitude of the problem became evident. In 1949, an amended complaint added 340 parties to the suit. A "Report of Referee" was filed with the Court on September 15, 1952.

Several years passed before water users became sufficiently alarmed by ground water conditions to draft an Interim Agreement that reduced ground water extractions until a final Judgment was approved. The Court approved the Agreement on February 16, 1955 and appointed DWR as Watermaster to administer it.

A "Final Report of Referee" filed on June 8, 1961, included data on ground water conditions between 1950 and 1956. The Report provided the information needed to draft the final Judgment. On August 18, 1961, after 16 years of litigation, the Court rescinded the Interim Agreement and signed the West Coast Basin Judgment. The new Judgment retained DWR as Watermaster.

A second suit, often called the American Plant Growers Case, was filed on October 31, 1956. As a result, 76 additional parties were placed under the jurisdiction of the Court on March 24, 1966. Appendix A lists all parties originally under jurisdiction of the Court and all successors in interest.

Watermaster Service

DWR forms Watermaster Service Areas at the request of water users or by order of the Superior Court. Cost of the service

is shared equally by the State and the participating users.

Once a month, every ground water pumper reports his extractions to the Watermaster and each water right account is revised by computation of the amount pumped during the previous month, the total amount pumped thus far during the current water year, and the amount that can legally be pumped during the remainder of the water year. Each pumper receives an updated copy of his account every month.

Accurate measurement of ground water extractions is absolutely necessary to the success of the Basin's management plan. Therefore, the field staff calibrates the water meter on every active water well at least once every two years. Every available means, including system efficiency tests, are used to confirm water meter test results. Inaccurate meters must be repaired in 30 days. Follow-up tests on repaired meters and initial tests on new wells are scheduled whenever necessary.

Once each fall and once each spring of each water year the depth to the static ground water level is measured in about 350 water wells in the Basin. The measurements are used to prepare "fall" and "spring" contour maps of ground water surface and "fall-to-fall" maps of areas of equal elevation change over a one-year period.

Summary of Operating Conditions

Since 1966-67, the water supply and water-use conditions have continued to remain stable. In 1974-75, total water use decreased by two percent as compared to the prior year. Ground water extractions have also remained stable over a longer period, averaging about 62,000 acre-feet annually since 1958-59. Growth in water requirements has been met by new supplemental sources and the trend is for continued increase in imported water use.

Rainfall was 95 percent of normal and was 3 percent more than the prior year. This perhaps explains the slight decrease in total water use.

Exchange Pool Water requests totaling 514 acre-feet were 28 acre-feet greater than the prior year and sold at \$34.60 per acre-foot. Water-right leases during the same period totaled 19 and amounted to 12,088.60 acre-feet. There were no sales of water rights during the 1974-75 water year.

In the 1974-75 water year, five parties overextracted a total of 59.60 acre-feet. Of these, three parties overextracted by less than the 10 percent or 2 acre-feet limitation set by the Judgment. The two parties in violation of the Judgment purchased or will lease sufficient water to offset their overextractions and meet their 1975-76 water needs. As a result, the Watermaster recommends that no action be brought before the Court against the two parties.

The summary below compares statistics for the last two years and confirms that operating conditions are virtually unchanged from the prior water year.

T4	Water Year		
Item	1973-74	1974-75	
Parties	76	76	
Active pumpers	42	40	
Active nonparties	4	4	
Adjudicated Right, in acre-feet	64,468.25	64,468.25	
Watermaster expenses, total	45,405.71	49,821.38	
Watermaster expenses per acre-foot pumped	.82	.88	
Rainfall, in inches	11.77	12.14	
Injection at barrier project, acre-feet	35,370.00	31,594.30	
Extractions, in acre feet	54,946.18	56,672.81	
Imports, in acre-feet	251,931.00	244,157.10	
Exports, in acre-feet	-12,055.90	-11,905.80	
TOTAL WATER USE, IN ACRE-FEET	294,821.28	288,924.11	

II. WATER SUPPLY

Water from several sources serves Southern California -- the Colorado and Owens Rivers, Northern California water via the State Water Project, mountain runoff, and ground water.

Precipitation

Typically sparse rainfall has little influence on the ground water supply of the West Coast Basin. Impermeable material lying between the surface and the producing aquifers prevents almost all rainfall from reaching zones from which it could be pumped to the surface. Longtime average precipitation is 12.73 inches per year. Average for the 1974-75 water year was 95 percent of that amount. Locations of precipitation stations used to measure rainfall in the Basin are shown in Figure 2.

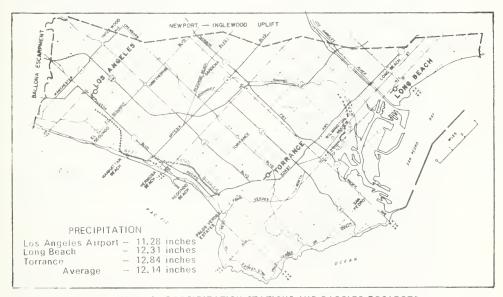


Figure 2. PRECIPITATION STATIONS AND BARRIER PROJECTS

Ground Water Recharge

Natural replenishment of the Basin's ground water supply is limited to underflow from the Central Basin, which bounds the West Coast Basin on the east.

Water spread in the Central Basin percolates into aquifers there and eventually some crosses the Newport-Inglewood Uplift to supplement the ground water supply in the West Coast Basin. Although the water is not directly applied to the West Coast Basin, this process returns large quantities of water to the ground and substantially increases natural subsurface flow from the Central to the West Coast Basin. Effectiveness of the process is limited to the space available in one basin for spreading facilities and the other basin's capability for accepting the water. The entire spreading operation is summarized in Table 1. MWD water is no longer purchased with Los Angeles County Flood Control District (LACFCD) Zone 1 funds because assessments for the fund were terminated on June 30, 1972.

TABLE I. SPREADING OPERATIONS a

Water Source		in acre-feet) 1974-75
Local runoff	29,796 ^b /	29,665 ^b /
Reclaimed water: Whittier Narrows San Jose	13,436 7,957	14,676 7,208
MWD water purchased:c/ With CWBRWD fund by CBMWD ^e	59,000 20,622	70,772 ^d /
Makeup water from Upper San Gabriel Basin	0	0
TOTALS	130,811	122,321

 $[\]frac{a'}{a'}$ Information provided by LACFCD as to amount actually spread in Montebello Forebay Area.

b/ Includes rising water.

Amount purchased is slightly higher due to percolation losses, evaporation, etc.

 $[\]frac{d}{e}$ Includes 58,744.5 acre feet of northern California water. $\frac{d}{e}$ With funds from Long Beach action.

In-Lieu Replenishment

During the 1965-66 water year, CWBWRD, began a program of inlieu replenishment. By contract with it, any producer with access to supplemental water may use it instead of water pumped from the ground. The program may be used to:

- 1) Alter pumping patterns within a ground water basin;
- Replenish areas of low transmissibility where conventional recharge techniques are ineffective;
- Heighten the effect of injecting water to form a sea-water barrier by reducing nearby extractions;
- Reduce the amount of replenishment water purchased by CWBWRD;
- 5) Reduce the annual ground water extraction from the West Coast Basin.

When CWBWRD first announced its intention to begin in-lieu replenishment, several West Coast Basin producers expressed an interest. However, the only producer to participate so far has been the California Water Service Company. The in-lieu replenishment program is an effective basin management tool which, if expanded, could obtain significant beneficial results. CWBWRD, 7439 East Florence Avenue, Downey, California, 90240, is a source of additional information.

TABLE 2. IN LIEU REPLENISHMENT PROGRAM 2/

I I - 4:	A	Contract price	W - 4 - 1
Water	Amount contracted	(dollars per	Total
year	(in acre-feet)	acre-foot)	Payment
1965-66	744.59	\$12.33	\$ 9,180.79
1966-67	850.57	14.14	12,027.06
1967-68	850.00	13.36	11,356.00
1968-69	850.00	14.25	12,112.50
1969-70	899.88	15.32	13,786.16
1970-71	881.30	17.83	15,713.58
1971-72	755.55	20.01	15,118.56
1972-73	901.28	20.78	18,728.60
1973-74	901.32	13.69	12,339.07
1974-75	400.29	15.71	6,288.56
Information	provided by CWBWRD.		

Sea-water Intrusion Barrier Projects

Sea-water intrusion in the West Coast Basin along Santa Monica Bay has been effectively halted by the West Coast Basin Barrier Project consisting of a line of 103 injection wells that parallel between the Los Angeles International Airport and the Palos Verdes Hills. LACFCD, which operates the project, injects Colorado River water into the barrier to create a pressure ridge that impedes the inland movement of a salt-water front and maintains protective ground water elevations in the Silverado and "200-foot sand" aquifers. Water for the barrier is purchased by the Central and West Basin Water Replenishment District (CWBWRD) and delivered by MWD. Scope of the project is shown in Figure 3, which illustrates the extent to which sea water has intruded into the merged phases of the Silverado aquifer. In January 1973, Northern California water was injected for seven days and resumed in September 1974.

250 ONICA LEGEND LINE OF INJECTION WELLS BAY AREAL EXTENT OF CHLORIDE ION CONCENTRATION IN EXCESS OF 500 PARTS PER MILLION IN MERGED "400 SOOT GRAVEL" AND SILVERADO AQUIFER IN FALL 1974 PALOSIST LINE OF EQUAL CHLORIDE ION CONCENTRATION FOR THE ***500 YEAR 1955

Figure 3. WEST COAST BASIN BARRIER PROJECT

A second barrier to sea-water intrusion was built by LACFCD along San Pedro Bay. This project, called the Dominguez Gap Barrier Project, started operating during February 1971 in a manner similar to the West Coast Basin Barrier Project. The Project has 29 injection wells located as shown in Figure 2. Table 3 gives additional data on the barrier projects. In January 1973, Northern California Water was injected for seven days and was resumed in September 1974.

TABLE 3. BARRIER OPERATIONS a

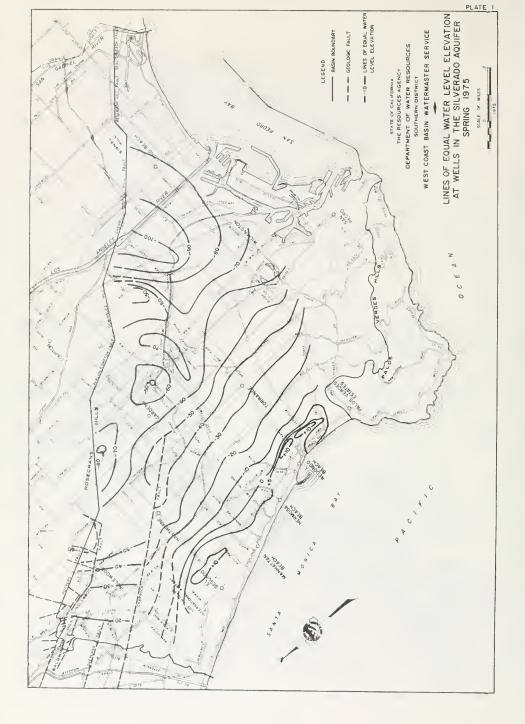
Operations	West Coast Basin	Dominguez Gap
Quantity injected, in acre-feet Average injection rate, cubic feet	26,434	5,161
per second	36.51	7.13
Number of injection wells	103	29
Number of observation wells Number of injection wells to be	265	206
added during 1975-76 water year Number of observation wells to be	0	0
added during 1975-76	0	0

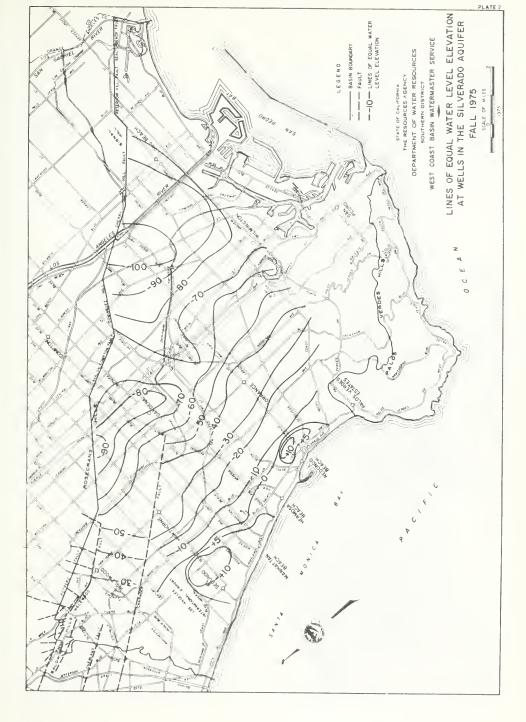
a/ Information provided by the Los Angeles County Flood Control District.

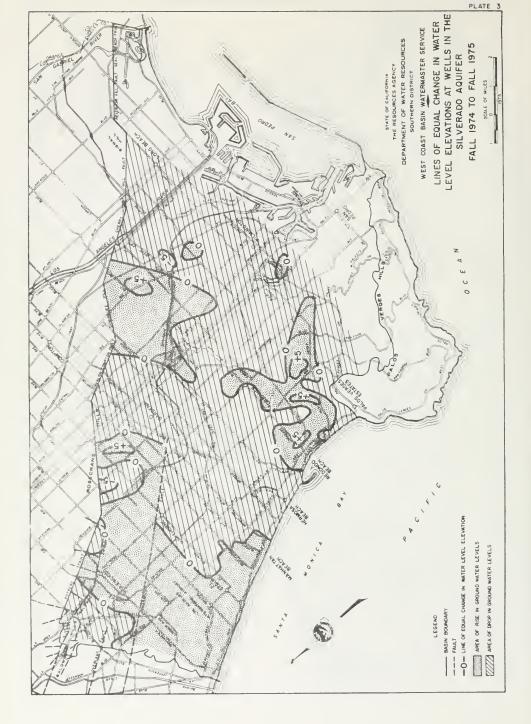
Cround Water Levels

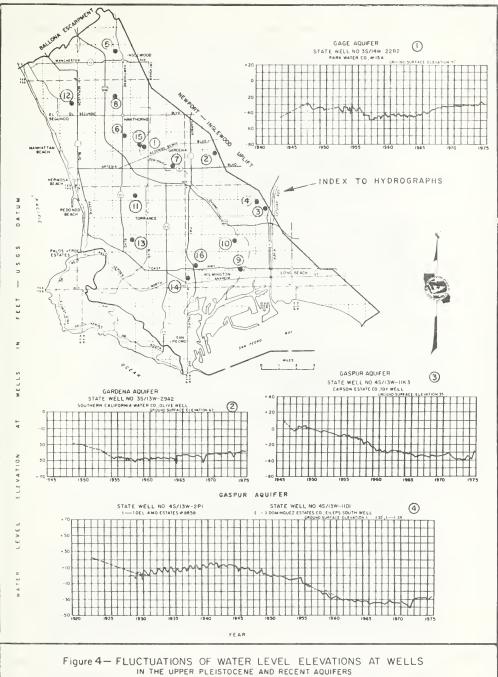
The volume of ground water stored in the West Coast Basin is constantly changed by variations in subsurface inflow and outflow, artificial recharge, extractions, and precipitation. To a lesser degree, the Silverado aquifer, underlying most of the West Coast Basin, is the most productive aquifer in the Basin. Ranging from 100 to 500 feet in thickness, it yields from 80 to 90 percent of the ground water extracted annually.

Measurements of ground water surface elevations (Plates 1 and 2) and the summarization of changes in water level elevations (Plate 3) demonstrate an increase in storage along the northern part of the Basin, where extractions have been reduced, and in the Redondo Beach-Dominguez Hill areas. Storage decreased in the Central portion of the Basin and the southeastern area, where extractions have increased. The hydrographs of selected wells representative of the various aquifers underlying the Basin show that the water surface has stabilized (Figures 4, 5, 6). In some cases, it has risen slightly, due to recharge and changing extraction patterns.









DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1975

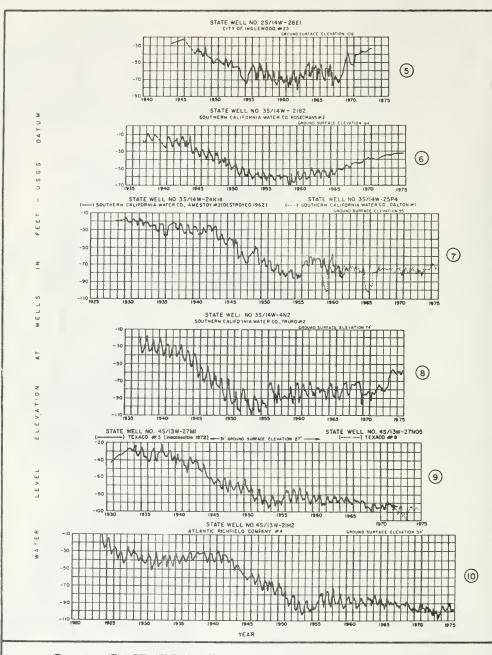


Figure 5- FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS
IN THE SILVERADO AQUIFER

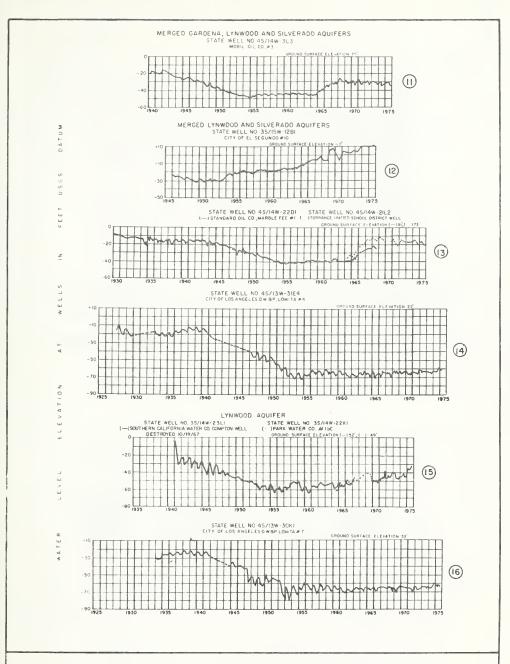


Figure 6 - FLUCTUATIONS OF WATER LEVEL ELEVATIONS AT WELLS
IN THE MERGED PHASES OF SILVERADO AND LYNWOOD AQUIFERS

Water Wells

In the 1974-75 water year the West Coast Basin contained 822 wells: 98 active and 12 inactive; 132 injection and 471 observation. Plate 4 shows the location and status of wells as of the end of the water year. A total of 24 wells were drilled and 7 were destroyed. Of the 24 wells drilled, 3 were replacement wells belonging to Watermaster parties and the remainder were LACFCD observation wells. Appendix C lists the destroyed wells.

A state Well Number is assigned to all water wells for identification in the Basin (Figure 7).

State well numbers that identify each water well in the Weat Coast Basin are derived from a system based on the U. S. Public Lend Survey. Each number consists of township and range designation, a section number, a letter representing the 40-acre tract in which the well is situated, a sequence number indicating the chronological order in which the well number was sasigned, and a letter repre-

sending the base and meridian. The last letter is frequently omitted from well numbers in a single area because all wells there share a single base and meridian. Well numbers are assigned by the Watermaster.

The components of well No. 45/14W-13D06S, for example, are identified in the following breakdown:



The derivation of the components is illustrated below.

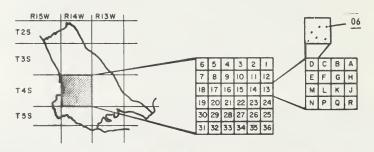


Figure 7. SYSTEM FOR WATER WELL IDENTIFICATION

Water Quality

Providing good quality ground water for the West Coast Basin depends to a great extent on the use of correct water-well construction methods. Some aquifers in the Basin are hydraulically connected to the ocean and occasionally sea water moves from them into adjacent freshwater aquifers. If a well being drilled without proper casing techniques passes through both saline and fresh water aquifers, the sea water can move from the polluted aquifer to the unpolluted one.

To prevent such occurrences, DWR conducted an intensive investigation that resulted in recommended standards for water-well construction and destruction. Hearings for the purpose of adopting those standards were held in 1969 by the California Regional Water Quality Control Board, Los Angeles Region, (CRWQCBLA), and all local agencies and municipalities in the West Coast Basin have since adopted them.

Solid waste is another factor that can affect ground water quality in the Basin. A shortage of disposal sites for such material has become increasingly critical. Abandoned gravel pits are particularly sought after. One of these is the Chandler Pits, just south of the Pacific Coast Highway. Several applications for permission to use this site have been refused because of the potential degradation of ground water.

CWBWRD, the West Basin Water Association, and others have vigorously opposed those applications. One applicant had asked to deposit decomposable solid waste in the pits.

In December 1968, CRWQCBLA reaffirmed its restriction of deposition of inert material. The matter was appealed, but during the 1970-71 water year the appeal was dropped. During the ensuing water years, no additional requests to use the pits for solid waste disposal were received.

Basinwide Water Quality Monitoring

In compliance with the Beilenson Health Act, the West Basin Water Association has initiated a basinwide plan to monitor the quality of water being pumped for domestic use.

Title 17 of the California Administrative Code, Part 1, Chapter 5, Subchapter 1, defines the limits of the trace elements and pollutants acceptable for water for domestic use. Sixteen wells were selected for monitoring: two each belonging to the City of Los Angeles and the California Water Service Company; 12 under a

DWR Bulletin No. 74 "Water Well Standards: State of California", February 1968; and DWR Bulletin No. 107, dated August 1962.





cooperative plan sponsored by the cities of Manhattan Beach, El Segundo, Hawthorne, Inglewood, and Torrance, and the Southern California Water Company and Dominguez Water Corporation, and the Los Angeles County Water Works District No. 22. Laboratory work is performed by the Clinical Laboratories of San Bernardino.

On January 22, 1975, the West Basin Water Association submitted its first annual report to the Department of Health "Annual Summary Report on Results of Basinwide Groundwater Quality Monitoring in the West Basin". It summarizes the results of the monitoring conducted according to the program outlined above.

The average Chloride, Sulfate, Hardness and TDS concentrations in the West Coast Basin ground water wells tested during 1974, compared with the annual averages compiled for 1973-74 fiscal year for imported Colorado River water and water from the State Water Project, are as follows:

	Concentrations, in mg/1		
Mineral Constituents	Ground Water (1974)	Filtered Colorado River	water, 1973-74 State Water Project
Chloride	74	94	65
Sulfate	26	310	80
Hardness	177	335	156
TDS	392	712	322

The Watermaster is arranging with the Association's staff to establish areawide carbon-chloroform extract (CCE) tests at selected key wells. These tests will be performed when the Watermaster's field staff routinely calibrates the water meter on these wells. Results of the CCE tests will be incorporated in the Annual Summary report described above.

Construction Projects Affecting Water Supply

Three major projects have significantly affected the water supply of the West Coast Basin: The State Water Project, MWD's distribution system, and the second barrel of the Owens River-Mono Basin Aqueduct of the City of Los Angeles.

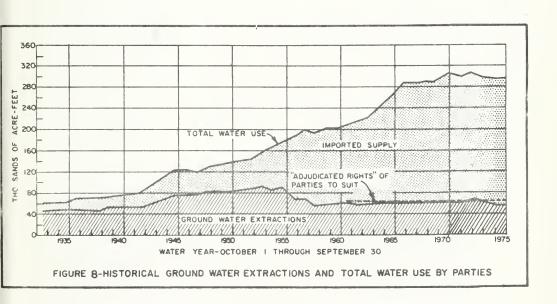
They have been completed and are providing services to the Basin. MWD's Sepulveda Feeder began deliveries on December 1, 1972, and is the main source of northern California water for the Basin. Water from the State Water Project formed approximately 52 percent of the total water imported during 1974-75.

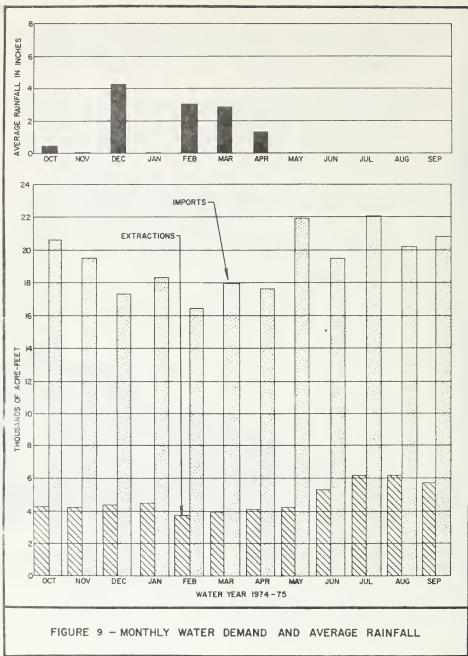
III. WATER USE

In the 1974-75 water year, the West Coast Basin provided approximately 289,000 acre-feet, 6,000 acre-feet less than in the previous year. Ground water extractions were approximately 1,700 acre-feet greater and imported water was 7,700 acre-feet less than the previous year's.

Population increase and industrial growth in the West Coast Basin has caused water demand to increase substantially since 1943. Prior to 1955, ground water met most of the demand. However, when the judgment reduced extractions to about 60,000 acre-feet annually, imported water became the largest component of the Basin's water supply.

Figure 8 illustrates annual ground water extractions and total water use from 1933 to the present. Figure 9 depicts the monthly relationship between rainfall, ground water extractions, and imported supplies. Much of the increase since the 1963-64 water year may be attributed to the West Coast Basin Barrier Project. Water demand for that purpose has leveled off since completion of the project in 1968.





DEPARTMENT OF WATER RESOURCES, SOUTHERN DISTRICT, 1975

TABLE 4. SUMMARY OF WATER ACCOUNTS OF PARTIES, 1974-75 WATER YEAR (in acre-feet)

## A PART OF THE P	PARTY	ADJUDECATED	(2) ALLOWABLE CARRYOVER FROM 73-74	(3) EXCH,WATER PURCH,(+) DR SOLD(=)	NET LEASES	(5) ALLOWABLF FATRACTION (1) • (2) • (3) • (4)	(6) AMOUNT PUMPED	BALANCE	(8) ALLOWABLE CARRYOVER INTU 75-76
CHAIN CLARGE CERVICE COMPANY CHARDERS PALOS VENDOS SANO-MA CORP CHARDERS CANADAM CORP CHARDERS CANADAM CORP CHARDERS CORP CHARDERS CANADAM CORP CHARDERS		24.10 10.00 2.00 4.428.00 0.70	-1.61 -2.00 +143.96	*11,00 *30.00	*12.10	38.19 16.10 10.771.96	37.66 0.00 10.639.30	0.53 16.10 132.66	• 2 • 0 0 • 1 3 2 • 6 6
DELANT: GOLDA: FSTATE OF 1.0 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 1.10 7.00 7.	CRS INC CALIFORNIA WATER SERVICE COMPANY	9.50 4.070.00	.0.00			104.00	0.00 2+169.71	0.00 400.29 104.00	*0.00 .nn *10.40
Fig.	DELANEY. GOLDA. ESTATE OF DESSER ENTERPRISES DOMINGUEZ WATER CORPORATION	4.10 0.00 10.150.65	•2.00 •6.60 <u>d</u> / •530.37		+13.00 <u>=</u> -300.00	6.10 6.40 50.494.02	0.00 0.2P 9.800.13	6.10 6.32 805.89	•2•00 •6•32d •805•89
HILLIDE MERDDEL PARK 79.70 7	ETCHEMENDY. CAROLINE. ESTATE OF FLETCHER OIL AND REFINING COMPANY FUJIMOTO. SAMUEL R. RAYMOND S FUTURA INOUSTRIES. INCOMPORATED	90.00 20.00	*0.00 *7.47 *2.00		-12.10	97.47 22.00	0.00 94.09 7.10	3.38	*7.00 *3.38 *2.00
NOUSTRIAL CHEW TOWN-ALLIED CHEW CORP 295.00 +25.50 +26.00 +26.50 +26.50 +26.50 +26.50 +26.50 +26.50 +26.00 +26.50 +26.00	GARRETT CORPORATION. THE GILLINGMAM. FLORENCE R ET AL GOVALES, FELIPE AND GABRIELA GRANT. JOHN. FRIATE OF HANTMORNE. CITY OF	2.40 34.30 59.00	*2.00 *0.00 *5.90		-74.30 ^e -59.00	4.40 0.00 5.90	0 • 0 n 0 • 0 n 0 • 0 n	4.40 0.00 5.90	•2.00 •0.00 •5.90
FPUITNOGEN, EMMAIL, ESTATE OF 1.40 -2.00 3.40 0.00 3.40 0.00 3.40 0.00 2.70 -2.00 1	HOLLYWOOD TURF CLUB IHOUSTRIAL CHEM DIV-ALLIED CHEM CORP INGLE-DOO- CITY OF - WATER DEPT	292.00 255.00 4.405.49	*28.20 *25.50 *440.55	•13.00	-2.820.00°	310.20 280.50 2.026.04	191.56 0.00 57.29	118.64 280.50 1.968.75	*25.50 *270.55
LOPES: FRANK LOS ANGREES COUNTY ALONDRA PARK 150.00	JOHNS-MANVILLE PRODUCTS CORP LAGERLOF, STAMLEY C LEMMENS, ALFRED LFUZINGER, EMMA L, ESTATE OF LONG BEACH, CITY OF - WATER DEPT	3.50 0.70 1.40	*2.00		-3.50 ^e	0.00 2.70 3.40	0.00	0.00 2.70 3.40	*0 *00 *2 *00 *2 *00
LOS ANGFLES COUNTY WEST DIST NO 22 LOS ANGFLES COUNTY WEST DIST N	LOPES FRANK	1.503.00 67.70 102.00	+0.00			3.730.75 67.70 100.51	3+686+63 438,74 90+49	44.17 -370.54	*44.12
MRNI, ROY A MAN KENJ 1 33.60 *2.00 *5.40 *5.40 *5.40 *6.40 *5.40 *6.40 *		296.00 48.10 1.131.20	+29.60 +0.00	± +36.00		325.60 40.10 1.244.32	119.09 0.00 1.020.46	48.10 215.86	*4.A1
OTAN	MOBIL OIL COMPORATION MORI, ROY H AND KENJI NOMTHROP COMPORATION, AIRCRAFT DIV	2.570.00 3.60 38.15	*A.98 *2.00 *3.82	+3.00		4.378.98 5.60 4].97	4.205.09 0.00 0.00	173.89 5.60 41.97	*173.89 *2.00 *3.82
STEELY STATEP STATE ST	OTAN]. CHISATO PACIFIC CREST CEMETERY COMPANY PALUS VEROES BERONIA FARM PARE WATER COMPANY PHILLIP, PETROLEIM COMPANY	39.40 0.00 160.00	-2.78 •4.59d •16.00	+5.00 +94.00	*23.00 *70.00	56.62 4.59 270.00	56.7A 1.57 25A.R7	0.34 3.07 11.13	*0.34 *3.02 *11.13
SHEFIS. ESTHER M	PROCEMELL, MICHAEL L POLITING HILLS WISTA	0.10 0.00 72.30	*0.60 *2.00 -15.14	*100.00		0.70 2.00 157.16	0.00 0.00 03.00	0.70 2.00 73.36	+0.70 +2.00 +23.43*
STANDAPO DIL DF CAL-WESTEPN OPER INC 4-601,30 55.00 -4-600.00 7.70 0.00 7.20 7.70	SHEFTS, ESTHER M	4.516.00 57.10 6.540.64	-69.60 -0.99 -61.07	-53.00	~46.00 •300.00	4.532.60 9.11 6.787.57	4.192.01 5.97 6.011.29	340.59 2.14 -23.72	+340+59 +2+14 =23+72
Third Number Thir	STANDARD DIL OF CAL-WESTEHN OPER INC STANFFER CHEMICAL COMPANY SUPFHIOR DIL COMPANY TEXACO TRECOPPORTED	3.432.00	*2.64 *446.53			29.04	3.943.02	136.62 79.04 1.469.81	+52+10 +2+64 +346+63
/EIGLER, MAXWELL T 0.00 1.354 +28.00 29.75 25.96 3.39 +3.394		4.70 2.670.00 1.791.00 80.20	-0.00		-2.000.00	937.00 1+482.76 80.20	439.48 800.35 0.00	682.41	*179.10 *#.02
1018L7 644668.67 96466899 0.00 0(4197.14 564676.61 104476.33 714300.77		0.00	•1.35 ^d	+28.00		29.15	25.96	3.39	

a/ See Table 10 for explanation of leased water right entitlements.
b/ Correct Figure; amounts shown last year and previous years had been sold to in-lieu replenishment program.
c/ Includes or trensfers, wholly or pertially, cerryover flexibility right; see Table 10.
b/ Includes or trensfers, wholly or pertially, cerryover flexibility right; see Table 10.
b/ Istraction sade by Inglawood Golf Course.
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Ground Water Extractions

The West Coast Basin Judgment limits the amount of ground water that each party can extract annually from the Basin or release to the Exchange Pool for pumping by other parties. Table 4 (Page 29) summarizes each party's water account. The metered ground water production reported by each party is shown in Appendix B. Gross water supply of all parties, which appears in Table 5, includes all sources of water necessary to provide each party's total water requirement for its service area. The service areas are shown on Plates 5 and 6 (Pages 32-35).

TABLE 5. GROSS WATER USE (in acre-feet)

	Total	Purcha	sed Supply	
Party	ground water	Importeda/	Within basinb/	Total Supply
	extractions	Imported-	within basin-	
ABC Nursery, Incorporated	15.04			15.04
American Plant Growers, Inc.	37.66			37.66
Asahi Fancy Koi, Inc.	0.00		c/	c/
Atlantic Richfield Company	10,639.30		1,383.52	12,022.82
Automation Industries, Inc.			,	•
Harris Tube	0.00		c/	<u>c</u> /
Barclay Hollander Curci, Inc.	0.00			0.00
CBS, Inc.	0.00			0.00
California Water Service Company	2,169.75	27,192.60		29.362.35
Carson-Madrona Company	0.00	-,,-,-		0.00
Chandler's Palos Verdes Sand &	0.00			0.00
Gravel Corporation	393.56			393.56
Curtis, Owen W.	0.00			0.00
Delaney, Golda, Estate of	0.00			0.00
Desser Enterprises	0.28			0.28
ominguez Water Corporation	9.888.13	19.569.10 ^d /		29.457.23
Al Segundo, City of	0.00	19,819.60		19.819.60
Deguido, City of	0.00	19,019.00		19,019.00
Engelsma, Jake	0.00		e/	e/
Etchemendy, Caroline, Estate of	0.00		c/	c/
Fletcher Oil and Refining Company	94.09		134.07	228.16
Fujimoto, Samuel R. & Raymond S.	7.10			7.10
Futura Industries, Incorporated	0.00			0.00
Garrett Corporation, The	0.72			0.72
Gillingham, Florence R., et al	0.00		6/	0.12
Gonzales, Felipe and Gabriela	0.00		<u>e/</u> c/	
Grant, John, Estate of	0.00		/	0.00
Hawthorne, City of	1,895.56	3,185.10		5,080.66
in the first of the second of	1,097.70	3,107.10		7,000.00
Hillside Memorial Park	66.97		22.47	89.44
Hollywood Turf Club	191.56		154.10	345.66
Industrial Chemical Division,				
Allied Chemical Corporation	0.00	6/	237.32	237.32
Inglewood, City of	57.29	11,231.00 <u>f</u> /		11,288.29
Inose, Kenichi	18.22		1.83	20.05
Johns-Manville Products Corporation	672.93		223.92	896.85
Lagerlof, Stanley C.	0.00			0.00
Lermans, Alfred	0.00		0.00	0.00
Leuzinger, Emma L., Estate of	0.00	,	c/	c/
Long Beach, City of	0.00	27,731.00g/		27,731.00

TABLE 5. (Continued) GROSS WATER USE (in acre-feet)

	Total	Purcha	sed Supply	
Party	ground water extractions	Imported ^{a/}	Within basin b/	Total Supply
Lopes, Frank Los Angeles, City of Los Angeles County - Alondra Park Sanitation District No. 2 Waterworks District No. 13 Waterworks District No. 22 Western Avenue Golf Course	0.00 3,686.63 438.24 90.49 0.00 0.00	55,000.20 <u>h</u> / 2,336.60 1,283.50	96.51 156.21 93.64	0.00 58,686.83 534.75 246.70 2,336.60 1,283.50 212.73
Loyola Marymount University Manhattan Beach, City of Mayflower Nurseries McDonnell Douglas Corporation Mobil Oil Corporation	0.00 1,028.46 3.90 0.00 4,205.09	4,686.30	202.96 2,754.87	202.96 5,714.76 3.90 6,959.96
Mori, Roy R. and Kenji Northrop Corp., Aircraft Division Nozaki, Sumikichi Otani, Chisato Pacific Crest Cemetery Company	0.00 0.00 48.68 32.59 56.28		<u>e</u> /	0.00 e/ 48.68 32.59 56.28
Palos Verdes Begonia Farm Park Water Company Phillips Petroleum Company Rehor, Josephine P. Rockwell, Michael L.	1.57 258.87 0.00 0.00		10.94 <u>c</u> /	1.57 258.87 10.94 0.00
Colling Hills Vista Roman Catholic Archbishop of Los Angeles Santa Fe Land Improvement Company Sheets, Esther M. Shell Oil Company	0.00 83.80 0.00 0.00 4,192.01		<u>e/</u> _e/ 2,867.66	e/ 83.80 e/ 0.00 7,059.67
Southern California Edison Company Couthern California Water Company Sparkletts Drinking Water Corporati Standard Oil Company of California Stauffer Chemical Company	5.97 6,811.29 on 82.08 0.00 436.48	22,688.40½/	0.07 2.17 13,341.00 54.33	6.04 29,501.86 82.08 13,341.00 490.81
Superior Oil Company Texaco, Incorporated Torrance, City of Union Nursery, Incorporated Union Oil Company of California	0.00 3,943.02 3,711.00 23.36 439.48	17,839.40	1,308.29 6,950.84	0.00 5,251.31 21,550.40 23.36 7,390.32
United States Steel Corporation Watson Land Company Wireburn School District Zeigler, Maxwell T.	800.35 0.00 0.00 25.96		227.02 147.89 67.25	1,027.37 147.89 67.25 25.96

 $[\]underline{\underline{a}}/$ Imports from Metropolitan Water District or member agency unless otherwise noted.

b/ Purchased from municipal, mutual, or public utility water agency.

1/ Includes 3,143 acre-feet of Central Basin ground water.
// Information not available.

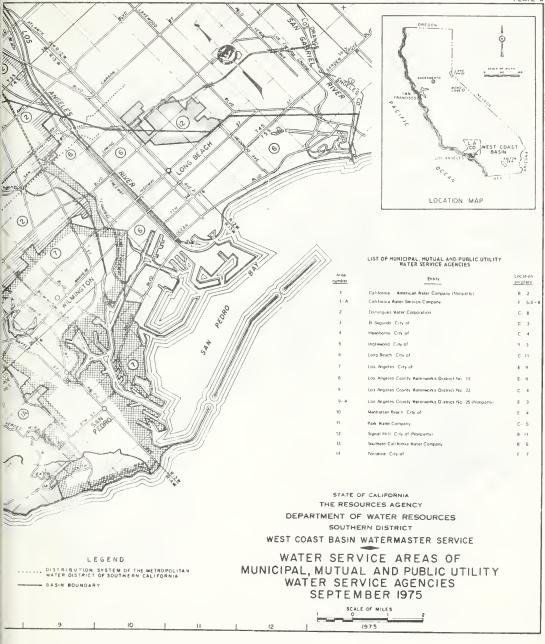
c/ Domestic use with consumption less than one acre-foot purchased from public utility.

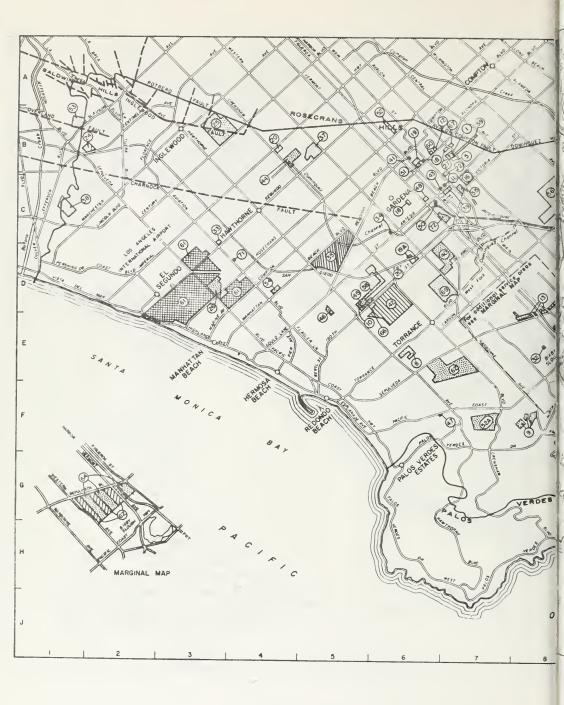
f/ Of this amount 26.7% is exported to Central Basin.

 $[\]underline{E}/$ Includes Central Basin ground water. $\underline{h}/$ Imported from Owens kiver-Mono Basin.

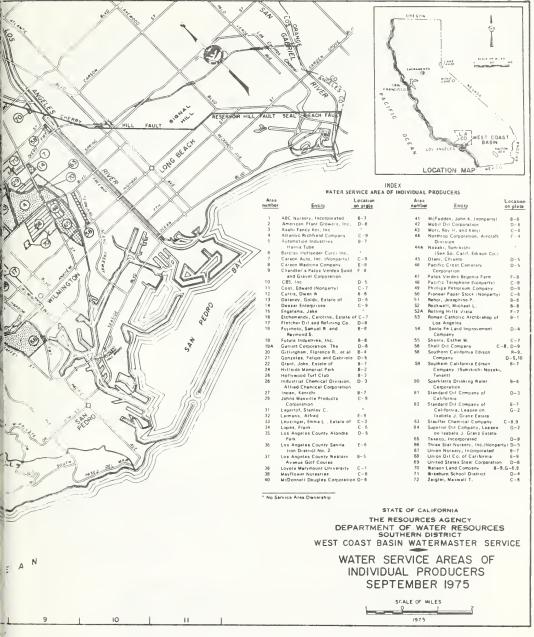
^{1/} Includes 1,623 acre-feet of Central Basin ground water.











Extractions by Nonparties and Parties with No Adjudicated Rights

Several nonparties and parties with zero Adjudicated Rights pump water from the West Coast Basin. Parties with zero water rights have abided by the Judgment by offsetting their pumping with Exchange Pool purchases. Their extractions are reported to CWBWRD (Table 6).

TABLE 6. EXTRACTIONS BY NONPARTIES AND PARTIES WITH ZERO ADJUDICATED RIGHTS

Pumper	State Well No.		pumped cre-feet)			
Carson Auto, Inc. Cost, Edward Mayflower Nurseries*	4s/13W-13K5 3s/13W-30Q1 3s/14W-25K6 3s/13W-31B7	3.10	.04			
McFadden, John K. Otani, Chisato*	38/13W-19K2 38/14W-34N4 38/14W-33R4	13.41 19.18	3.90 .68			
Palos Verdes Begonia Farm* Three Star Nursery Zeigler, Maxwell T.*	4s/14W-21N1 3s/14W-33R3 3s/13W-31M1		1.57 8.16 25.96			
	TOTAL		73.20			
* Parties to the Judgment, shown in Table 4.						

Imported Supplies

Large quantities of water are imported to the West Coast Basin from other sources. Water from the Colorado River and State Water Project arrives through facilities of MWD for distribution by WBMWD and the cities of Long Beach, Los Angeles, and Torrance. Los Angeles also imports water from the Owens River-Mono Basin in eastern central California. The Dominguez Water Corporation, Long Beach, and the Southern California Water Company import ground water from the Central Basin to supplement other supplies.

All imports to the West Coast Basin, with the exception of imports by two nonparties, are listed in Table 7. The California-American Water Company imported 2811 acre-feet and the City of Signal Hill imported 745 acre-feet. Both are nonparties.

TABLE 7. IMPORTED WATER

		Quantity 1973-74		(in acre-feet) 1974-75	
Source	Imported				
Central Basin Ground Water	Dominguez Water Corporation Southern California Water Company	2,810 1,535	4,345	3,143 1,623	4,766
Central Basin Ground Water, Colorado River, and State Water Project	City of Long Beach		28,815		27,731
Colorado River and State Water Project	City of Torrance		19,171ª/		17,839 <u>b</u>
	West Basin Municipal Water District				
Colorado River	California Water Service Company Dominguez Water Corporation El Segundo, City of Hawthorne, City of Inglewood, City of L. A. County Waterworks Dist. No. 13 L. A. County Waterworks Dist.No.22 Manhattan Beach, City of Southern California Water Co. L. A. County Flood Control Dist.	17,115 18,709 16,529 1,734 272 1,614 1,354 170 5,109 34,817e/	97,423	268 334 554 39 136 38 13 59 291 26,491	28,223
State Water Project	California Water Service Company Dominguez Water Corporation El Segundo, City of Havthorne, City of Inglewood, City of L. A. County Waterworks Dist. No. 13 L. A. County Waterworks Dist. No. 22 Manhattan Beach, City of Southern California Water Company L. A. County Flood Control Dist.	10,119 237 2,719 1,520 11,137 805 0 5,187 16,497 552 [©] /	48,773	26,924 16,092 19,266 3,147 11,095 2,299 1,270 4,628 20,774 5,103c/	110,598
Owens River-Mono Basin and Colorado River	Los Angeles, City of		53,404		55,000
	POTAL ALL SOURCES		251,931		244,157

a/ Includes 540 acre-feet from State Water Project

Exported Supplies

Exports from the West Coast Basin are small. The City of Inglewood exported 2,999 acre-feet of ground water, Colorado River and State Water Project to the Central Basin. The City of Los Angeles exported 1,360 acre-feet and the California Water Service Company exported 7,547 acre-feet of ground water, Colorado River, and State Water Project water to portions of their service areas lying west of the Palos Verdes Hills.

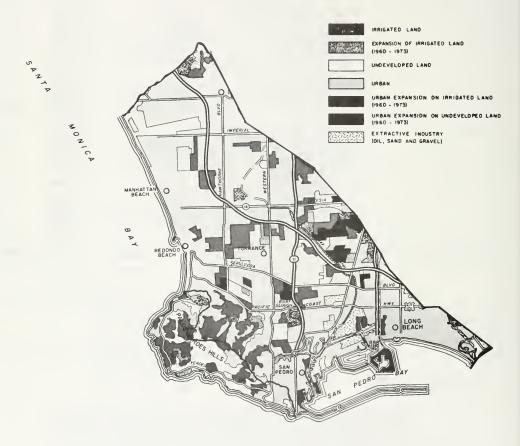
b/ Includes 17,356 acre-feet from State Water Project

c/ Delivered for use in the West Coast Basin and Dominguez Gap Barrier Projects

Land-Use Study, 1973

A land use inventory of Coastal Los Angeles County, including the West Coast Basin, was conducted by DWR and was reported in the District Report "Coastal Los Angeles County Land-Use Study, 1973". The study, based on January and February 1973 aerial photography, was conducted from August 1973 to September 1974.

Water use is intimately associated with land use. Results from this study are extremely valuable to water planners. Detailed land use tabulations and the District Report are available for inspection in DWR's Southern District office. Shown below are the 1973 land-use characteristics for the West Coast Basin as surveyed and depicted in the above mentioned report.



WEST COAST BASIN

LAND USE CHARACTERISTICS

IV. ADMINISTRATION OF THE JUDGMENT

The West Coast Basin Judgment was a logical step toward preserving the usefulness of a valuable resource. It provides a flexible tool to limit extractions and still allow a beneficial use of the ground water supply. However, the restrictions on extractions imposed by the Judgment force the parties to look for other supplies. Fortunately, these are available. If they were not, the rapidly increasing demand for water might literally bankrupt the Basin before other management techniques could be developed.

Exchange Pool

The Court and parties foresaw that adjudicating water rights and limiting total extractions within the basin would not be satisfactory to all parties. As a consequence, Paragraph VII of the Judgment authorized a water Exchange Pool to provide additional water rights to members without supplementary water. Membership in the Exchange Pool is voluntary, and any party can join by filing an "Intention to be Bound by Paragraph VII of the Judgment" with the Watermaster and the Court. Members of the Exchange Pool, as of September 30, 1975, are referenced with an asterisk in Appendix A. Recipients of exchange water may pump the amounts released to them in addition to their Adjudicated Right. Releases are limited by the Judgment.

Once each July the Watermaster opens the Exchange Pool to permit this intermember exchange of water rights. The Pool is in operation when the Watermaster asks each member to estimate his water requirement and supply for the next water year. If a member has supplemental water in addition to his Adjudicated Right and if his total supply exceeds his estimated requirement, he must make a Mandatory Offer to lease a portion of his pumping right equal to the difference between his Adjudicated Right and half his estimated requirement. Under no circumstance, however, can the Mandatory Offer and the estimated requirement together exceed the total supply. This limits the Mandatory Offer to an amount which can be replaced with supplemental water.

Another type of offer is called the Voluntary Offer. Any member may voluntarily offer pumping rights to the Exchange Pool if his water supply exceeds his estimated requirement and he has no supplemental supply. However, the Watermaster must allocate all Mandatory Offers before using the Voluntary Offers. Voluntary Offers have not been used for several years.

The charge for a Mandatory Offer cannot exceed the cost per acrefoot of replacement waters; the charge for a Voluntary Offer cannot exceed the price per acre-foot charged by the West Basin Municipal Water District for imported water. The Watermaster determines the amount of water needed and computes the average price to be paid.

If a member's estimated water requirement exceeds his total water right, including leases, and he has no supplemental supply, the difference may be requested from the Exchange Pool. The cost per acre-foot is the weighted average price per acre-foot of all offers required to meet requests. Tables 8 and 9 summarize 1974-75 Exchange Pool transactions.

Transfers of Adjudicated Rights

The West Coast Basin Exchange Pool is not the only method of obtaining additional pumping rights. Each year there are several lease and sale transactions between parties. Table 10 lists all leases, sales, parties, and amounts involved. Appendix A contains a copy of the document substantiating each transfer.

Appendix A also contains samples of recommended lease and sale agreements. Some documents received by the Watermaster are unnecessarily complex. The Watermaster recommends that documents be prepared on $8-1/2 \times 11$ -inch paper. Any necessary additions to the recommended agreement may be attached to another page. You need not use these sample documents, but they are sufficient for most purposes.

In leasing, buying, or selling water rights, parties should be specific as to the type being exchanged, i.e., Adjudicated Right. All leases should specify both amount of Adjudicated Right, to the nearest whole acre-foot, and period of lease. All water right leases should be made on a water year basis, i.e., October 1 through September 30 of the following year, never on a fiscal year basis.

The Watermaster keeps a list of parties who have informed him of their interest in buying, selling or leasing water rights. Any party wishing to be listed should call the Watermaster. This is not done as a court required function of Watermaster Service. It is a courtesy informally administered to assist parties unable to resolve problems regarding an excess or deficiency of water rights. The Watermaster will make no recommendation regarding transactions conducted relative to the use of this service. The names of all parties using this service are available in the Watermaster's office and may be obtained by telephone or visit to the office.

The "General Information, Policies and Procedures" of the Watermaster Service in the West Coast Basin contains the following requirements:

"In order that a water right lease be in force (applicable) during a particular water year, it must have been executed by the parties involved before or prior to September 1 of the water year in question. In addition the executed water right lease document must be filed with the Watermaster no later than August 31 or postmarked

TABLE 8. EXCHANGE POOL OFFERS

Party	Amount (in acre-feet)		Price (per	Charge for exchange
	Offered	Released	acre-foot)	water
Mandatory Offers				
Phillips Petroleum Company U. S. Steel Corporation Shell Oil Company Johns-Manville Products Corp.	161.00 300.00 498.00 156.00	161.00 300.00 53.00 0.00	\$ 22.00 35.00 70.60 77.00	\$ 3,542.00 10,500.00 3,741.80 0.00
TOTALS	1,115.00	514.00		\$17,783.80
Voluntary Offers				
Automation Industries Inc. California Water Service Co. El Segundo, City of Garrett Corporation, The Gillingham, Florence R. Industrial Chemical Division Standard Oil Co. of Calif. Wiseburn School District	2.70 1,000.00 2,001.00 31.50 4.40 255.00 5.90 8.20	0.00 0.00 0.00 0.00 0.00 0.00 0.00	30.00 50.00 30.00 18.00 54.00 123.67 ² / 20.00	
	3,308.70	0.00		

TABLE 9. EXCHANGE POOL REQUESTS

Party	Amount of water received (in acre-feet)	Cost of exchange water <u>a</u> /
ABC Nursery, Incorporated American Plant Growers, Inc. Chandler's Palos Verdes Sand-Gravel Clause, Kenichi Mayflower Nurseries Nozaki, Sumikichi Ctani, Chisato Park Water Company Roman Catholic Archbishop of LA Union Nursery, Incorporated Ziegler, Maxwell T.	11.00 30.00 175.00 13.00 36.00 3.00 5.00 94.00 100.00 19.00 28.00	\$ 380.59 1,037.96 6,054.80 449.78 1,245.56 103.80 172.99 3,252.29 3,459.88 657.38 968.77
TOTAL	514.00	\$17,783.80
<u>a</u> / Cost at \$34.5988 per acre-foot.		

TABLE 10. TRANSFERS OF ADJUDICATED RIGHTS

PARTY	TRANSACTION A	ND AMOUNT IN	ACRE-FFET	PARTY
ASAHI FANCY KOI INCORPORATED	LEASED	12.10	FROM	ENGFLSMA. JAKE
ATLANTIC RICHFIELD COMPANY	LEASED	1,100.00	FROM	ING! EWOOD. CITY OF
ATLANTIC RICHFIELD COMPANY	LEASED	3,100,00	FROM	STANDARD OIL COMPANY OF CALIF
ATLANTIC RICHFIELD COMPANY	LEASED	2.000.00	FROM	UNION OIL COMPANY OF CALIF
CBS INCORPORATED	LEASED	9.50	TO	DOMINGUEZ WATER CORPORATION
CALIFORNIA WATER SERVICE CO	LEASED	1,500.00	0.7	TEXACO INCORPORATED
OOMINGUEZ WATER CORPORATION	LEASED	9.50	FROM	CRS INCORPORATED
DOMINGUEZ WATER CORPORATION	LEASED	3.50*	FROM	LAGEPLOF. STANLEY C
EL SEGUNDO, CITY OF	LEASED	300.00	10	MORTL OIL CORPORATION
ENGELSMA: JAKF	LEASED	12.10	TO	ASAH! FANCY KOI INCORPORATED
GONZALES+ FELIPE AND GABRIELA	LEASED	34.30*	TO	TEXACO INCORPORATED
GRANT. JOHN. FSTATE OF	LEASED	59.00	το	HILISIDE MEMORIAL PARK
HILLSIDE MEMORIAL PARK	LEASED	59.00	FROM	GRANT. JOHN. ESTATE OF
INGLEWOOD. CITY OF	LEASED	1.100.00	TO	ATLANTIC RICHFIELD COMPANY
INGLEWOOD. CITY OF	LEASED	1,400.00*	TO	LOS ANGELES. CITY OF
INGLEWOOD. CITY OF	LEASED	20.00	TO	PACIFIC CREST CEMPTERY
INGLEWOOD. CITY OF	LEASED	300.00*	10	SOUTHERN CALIFORNIA WATER CO
INOSE: KENICHI	LEASED	2.20	FROM	REHOR. JOSEPHINE P
LAGERLOF. STANLEY C	LEASED	3.50*	то	DOMINGUEZ WATER CORPORATION
LOS ANGELES. CITY OF	LEASED	1.400.00*	FROM	INGLEWOOD. CITY OF
LOS ANGELES. CITY OF	LEASED	500.00*	FROM	LOS ANGELES CO WWKS DIST NO
LOS ANGELES. CITY OF	LEASED	200.00*	FROM	LOS ANGELES CO WWKS DIST NO
LOS ANGELES CO WWKS DIST NO 13	LEASED	500.00*	TO	LOS ANGELES. CITY OF
LOS ANGELES CO WWKS DIST NO 13	LEASED	200.00*	10	LOS ANGELES. CITY OF
MOBIL OIL CORPORATION	LEASED	300.00	FROM	EL SEGUNDO + CITY OF
MOBIL OIL CORPORATION	LEASED	1,500.00	FROM	STANDARD OIL COMPANY OF CALI
NOZAKI. SUMIKICHI	LEASED	25.00	FROM	SOUTHERN CALIFORNIA EDISON C
OTANI. CHISATO	LEASED	23.00	FROM	SOUTHERN CALIFORNIA EDISON C
PACIFIC CREST CEMETERY	LEASED	20.00	FROM	INGLEWOOD. CITY OF
RFHOR. JOSEPHINE P	LEASED	2.20	то	INOSE. KENICHI
SOUTHERN CALIFORNIA EDISON CO	LEASED	25.00	TO	NOZAKI: SUMIKICHI
SOUTHERN CALIFORNIA EDISON CO	LEASED	23.00	70	OTAPI CHISATO
SOUTHERN CALIFORNIA WATER CO	LEASED	300.00*	FROM	INGLEWOOD+ CITY OF
STANDARD OIL COMPANY OF CALIF	LEASED LEASED	3.100.00 1.500.00	TO TO	ATLANTIC RICHFIELD COMPANY MORTL OIL CORPORATION
TEXACO INCORPORATED TEXACO INCORPORATED	LEASED LEASED	1.500.00	FROM FROM	CALIFORNIA WATER SERVICE CO GONZALES. FELIPE AND GABRIEL

[•] Lease includes carryover flexibility right.

August 31 of the year in question. Any otherwise valid agreement not filed with the Watermaster prior to September 1 cf the water year in question will be void and of no force or effect for the transfer of water rights."

Overextractions

Each year some parties extract more ground water from the West Coast Basin than they are entitled to. The overextractions are usually small, occurring within the tolerance set by the Judgment. The Judgment allows each party to overextract by 2 acre-feet, or by 10 percent of its Adjudciated Right, whichever is larger, on the premise that the overextraction will be eliminated during the following year.

Most overextractions are the result of an unexpected increase in water demand. Therefore, allowing some deviations from the limits and guidelines of the Judgment is considered a reasonable solution.

Table 11 summarizes all overextractions. Of the five parties listed, two exceeded the limit imposed by the Judgment. Both parties have arranged to meet their 1975-76 water needs.

The Watermaster recommends that no court action be taken at this time against the parties exceeding the limit.

TABLE II. OVEREXTRACTIONS (in acre-feet)

Party	(1) Adjudicated Right	(2) Allowable extractions 4/	(3) Amount pumped	(4) Overextraction (2)-(3)=(4)	Allowable overextraction <u>b</u> /	(6) Overextraction in percent of Adjudicated Right [(4) - (1)] x 100=(6)
nawth rne, City of	1,882.00	1,894.44	1,895.56	- 1.12	188.20	.06
Noraki, Jumikichi	7.00	30.45	48.68	- 18.23 ^c /	2.00	260.43
Otani, Chilato	0.00	18.02	32.59	- 14.57 ^{<u>c</u>/}	2.00	40.00
water Company	6,548.64	6,787.57	6,811.29	- 23.72	684.86 ^{<u>d</u>/}	.36
har ery, Inc.	4.70	21.40	23.36	- 1.96	2.00	41.70

a. ... clumn (5) of Table 4 for derivation.

b/ Computed as 2 acre-feet or 10 percent of Adjudicated Right [Column (1)] whichever is larger.

^{./} In violation of Judgment.

d/ Includes flexibility rights pursuant to rights leased from City of Inglewood.

Carryover of Adjudicated Right

The provision in the Judgment (Paragraph VI) relative to allowable carryover of unused water right states in part: "... each of the parties ... who ... does not extract ... all of such party's Adjudicated Right ... is permitted to carry over from such water year the right to extract ... in the next succeeding water year an amount of water equivalent to the excess of Adjudicated Right over his extraction during said water year not to exceed, however, 10% of such party's Adjudicated Right or two acre-feet, whichever is the larger." (Emphasis added.)

The Watermaster, in reviewing water-right lease documents, assumes that when not specifically conveyed to the lessee by the lease document, the amount leased is not deducted from the lessor's Adjudicated Right in computing the permissible allowable carryover or overextraction.

All lease documents should contain a statement as to which party is entitled to the benefit of the amount leased in computing carryover of overextractions. Item (5) in the suggested Water Right License and Agreement shown on page 63, is sufficient for this requirement.

V. ADMINISTRATIVE COSTS

Expenses incurred in administering Watermaster Service Areas are payable one-half by the State and one-half by the parties. To obtain the funds required, the Watermaster prepares a tentative budget each year, stating the anticipated expense for administering the provisions of the Judgment. A copy is mailed to each of the parties at least 60 days before the beginning of each water year. If no objections are received within 15 days, it then becomes final.

The 1974-75 tentative budget, mailed on July 31, 1974, received no objections and became the final budget on August 15, 1974. The final approved budget is presented in Table 12. The administrative cost chargeable to each party is in proportion to its Adjudicated Right and is payable on, or prior to, the first day of the water year. A 5 percent penalty is added if charges become delinquent. A total of \$31.31 was collected in penalties for delayed payments. Apportionment of the parties' share of the budget for the 1974-75 water year is set forth in Table 13.

Income and expenditures for Watermaster Service during the 1974-75 water year are shown in Table 14. Any credit or debit balance is carried forward into the succeeding water year. The parties' share of the 1974-75 carryover amounts to \$1,929.55.

TABLE 12. APPROVED BUDGET FOR 1974-75

Salaries and wages Operating expenses	\$34,826 14,188		
TOTAL BUDGET		\$49,014	
One-half payable by State		\$24,507	
One-half payable by parties, Less estimated carryover from 1973	3-74	24,507 4,000	
TOTAL AMOUNT BILLED			\$20,507

TABLE 13. APPORTIONMENT OF PARTIES' SHARE OF 1974-75 BUDGET

Party	Adjudicated Right (in acre-feet)	Apportionment paid
	24.10	\$ 7.67
ABC Nursery, Incorporated		
American Plant Growers, Incorporated	10.00	3.18 0.6/a/
Asahi Fancy Koi, Incorporated	2.00	3.18 0.64 <u>a</u> /
Atlantic Richfied Company	4,428.00	1,408.52 0.22 <u>a</u> /
Automation Industries, Inc Harris Tube	0.70	
Barclay Hollander Curci, Incorporated	3.33	1.06 ^a /
CBS, Incorporated	9.50	3.02
California Water Service Company	4,070.00	1,294.64
Carson-Madrona Company	104.00	33.08
Chandler's Palos Verdes Sand and Gravel Corp.	294.20	93.58
	0.26	$0.11\frac{a}{a}$
Curtis, Owen W.	0.36 4.10	1 204/
Delaney, Golda, Estate of	0.00	1.30 <u>a</u> /
Desser Enterprises		
Dominguez Water Corporation	10,150.65	3,228.87
El Segundo, City of	9.53	303.14
Engelsma, Jake	12.10	3.85_,
Etchemendy, Caroline, Estate of	8.20	3.85 2.61 <u>a</u> /
Fletcher Oil and Refining Company	90.00	28.63
Fujimoto, Samuel R. and Raymond S.	20.00	6.36
Futura Industries, Incorporated	44.40	14.12
Garrett Corporation, The	22.50	7.16,
Gillingham, Florence R. et al.	2.40	0.76 <u>a</u> /
Gonzales, Felipe and Gabriela	34.30	10.91
	59.00	18.77
Grant, John, Estate of Hawthorne, City of	1,882.00	598.65
nawthorne, city of	1,002.00	390.03
Hillside Memorial Park	29.20	9.29
Hollywood Turf Club	282.00	89.70
Industrial Chemical Division -		
Allied Chemical Corporation	255.00	81.11
Inglewood, City of	4,405.49	1,401.36
Inose, Kenichi	5.40	1,401.36 1.73 <u>a</u> /
Johns-Manville Products Corporation	881.00	280 2/
Lagerlof, Stanley C.	3.50	$\frac{280.24}{1.11\frac{a}{a}}$
Largerior, Stanley C.	0.70	$0.22\frac{a}{a}$
Leuzinger, Emma L., Estate of	1.40	$0.45\frac{a}{a}$
	0.70	0.43 <u>a</u> /
Long Beach, City of	0.70	0.22
Lopes, Frank	3.70	$1.18\frac{a}{b}$
Los Angeles, City of	1,503.00	$478.10\frac{b}{h}$
Los Angeles County - Alondra Park	67.70	$\frac{478.10}{21.54}$
Los Angeles County Sanitation District No. 2	102.00	32.45b/
Los Angeles County Waterworks District No. 13		430.06
200 Augustes Country Waterworks District No. 13	1,352.00	430.00
Los Angeles County Waterworks District No. 22	551.00	175.27,
Los Angeles County-Western Avenue Golf Course	296.00	175.27 _b / 94.16 <u>b</u> /

TABLE 13. (Continued) APPORTIONMENT OF PARTIES' SHARE OF 1974-75 BUDGET

Party	Adjudicated Right (in acre-feet)	Apportionment paid
	40.40	
Loyola Marymont University	48.10	15.30 359.83 ,
Manhattan Beach, City of	1,131.20	359.83 ₀ /
Mayflower Nurseries	0.00	· ·
McDonnell Douglas Corporation	1.70	0.54 ^a /
Mobile Oil Corporation	2,570.00	817 50
Mori, Roy H. and Kenji	3.60	1.15 ^a /
Northrop Corporation, Aircraft Division	38.15	12 14
Nozaki, Sumikichi	7.00	2.22 <u>a</u> /
Otani, Chisato	0.00	0 <u>a</u> /
Pacific Crest Cemetery Company	39.40	12.53,
Palos Verdes Begonia Farm	0.00	0 <u>a</u> /
Park Water Company	160.00	50.90
Phillips Petroleum Company	167.00	53.12
Rehor, Josephine P.	2.20	$0.70\frac{a}{a}$
Rockwell, Michael L.	0.10	0.03 ^a /,
Rolling Hills Vista	0.00	0 <u>a</u> /
Roman Catholic Archbishop of Los Angeles	72.30	23.00
Santa Fe Land Improvement Company	39.50	12.56
Sheets, Ester M.	5.50	1.75 <u>a</u> /
Shell Oil Company	4,516.00	1,436.52
Southern California Edison Company	57.10	18.16
Southern California WaterCompany	6,548.64	2,083.09
Sparkletts Drinking Water Corporation	152.60	48.54
Standard Oil Company of California	4,601.30	1,463.65
Stauffer Chemical Company	521.00	165.73
Superior Oil Company	26.40	8.40
Texaco, Incorporated	3,432.00	1,091.70
Torrance, City of	3,804.73	1,210.26
Union Nursery, Incorporated	4.70	1.50 <u>a</u> /
Union Oil Company of California	2,670.00	849.31
United States Steel Corporation	1,791.00	569.71
Watson Land Company	80.20	25.51 2.61 <u>a</u> /
Wiseburn School District	8.20	2.614
Ziegler, Maxwell T.	0.00	0
TOTALS	64,468.25	\$20,507.00 ^c /

a/ Payment waived on apportionment of less than \$3 in accordance with Section 13943.5 of the Government Code. A total of \$22.11 was waived in this manner.

 $[\]underline{\mathbf{b}}'$ Delayed payment, - penalty assessed. A total of \$31.31 was collected in penalties.

 $[\]underline{c}/$ Includes payments which were waived (see footnote (a)) and excludes penalty payments.

TABLE 14. 1974-75 INCOME AND EXPENDITURES

Item	Partiea		State		Parties and State	
Income						
From 1974-75 budget	\$20,484.89		\$24,507.00		\$44,991.89	
Balance from 1973-74	6,324.04				6,324.04	
From budget penalties	31.31				31.31	
TOTAL INCOME		\$26,840.24		\$24,507.00		\$51,347.24
Expenditures						
Salaries and wages	16,744.10		16,744.11		33,488.21	
Operating expenses						
Miscellaneous indirect coat	5,881.83		5,881.83		11,763.66	
Travel in State	187.39		187.38		374.77	
Printing annual report	144.08		144.08		288.16	
Electronic machine computing	994.86		994.86		1,989.72	
Training	115.50		115.50		231.00	
Other 0	842.93		842.93		1,685.86	
TOTAL EXPENDITURES		24,910.69		24,910.69		49,821.38
BALANCE		\$ 1.929.55 ^c /				

A/Rent, utilities, auto rental, communication, retirement, employee's health plan, and workmen's compensation insurance.

 $[\]frac{\mathrm{b}^{\prime}}{\mathrm{Equipment}}$ rental, mobile equipment operation, engineering contracts.

c/Total credit to parties in 1975-76 water year, subject to delayed charges or credita.

APPENDIX A

ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES SEPTEMBER 30, 1975 AND

COPIES OF DOCUMENTS SUBSTANTIATING TRANSFERS OF ADJUDICATED RIGHT

APPENDIX A

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ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES SEPTEMBER 197S

ARC NURSERY. INCORPORATED SUCCESSOR TO HARRY C. JENKINS SUCCESSOR TO SIDNLY R. AND CHARLOTTE W. TITLL SUCCESSOR TO WILLIAM AND CLAYA B. VERBUPO SUCCESSOR IN PART TO UNITED "ALIFORNIA MINK	1.80		CBS INC FORMERLY COLUMBIA HADADEASTING SYS INC		9 • 111
SUCCESSOR IN PART TO UNITED CALIFORNIA HANA TOTAL	2.00	24+10*	CALIFORNIA, STATE OF SUCCESSOR TO DOE MONIT J9, SUCCESSOR TO JOE MONIT J9, SUCCESSOR IN PART TO LELLY PIPF COMPANY SUCCESSOR IN PART TO LEAVE ROUNTIQUEZ SUCCESSOR IN PART TO LAVIO ROUNTIQUEZ SUCCESSOR IN PART TO 14, N, SWITH, SAM SUNNER AND FREAD SMITH	1+00 2+20 16+40	
ABELL. FRANK SOLD TO CITY OF INGLEWOOD TOTAL	1.80	n+00	SUCCESSOR IN MART TO RELLY MIMM COMMANY SUCCESSOR IN MART TO FLAVIOR ROHATURE SUCCESSOR IN MART TO A. H. SMITH. SAM SURBER AND FREOA SMITH SOUD TO SPARKELITS DEFINING WATER CORPORATION	4.00	
AL"AST FOUNDRY. ET AL. SUCCESSOR TO CHAS. L. DRAPER. ET AL. SOLD TO CITY OF TORRANCE	7.20		TOTAL	-26.10	0.00
TOTAL	-7.20	0.00	CALIFORNIA WATER SERVICE COMPANY SUCCESSOR TO PALOS VERDES WATER COMPANY TOTAL	999.00	4070+00#
ALLIED CHEMICAL CORPORATION (SEE INDUSTRIAL CHEMICAL DIVISION)			CARSON ESTATE COMPANY SOLD TO DOMINGUEZ WATER CORPORATION	130.00	
ALJMINUM COMPANY OF AMERICA ISEE UNITED STATE: NAVY OFPARIMENTI			TOTAL CARSON-MADRONA COMPANY		0.00
ALWAG, MILARIO S. AND EMMA SUCCESSOR TO T.C. NOVARRO SUCCESSOR TO PEGGY SWICK SOLO TO TARRACE UNTELLU SCIDOL DISTRICT	53.90		SUCCESSOR TO CHANDLUR-WESTERN OIL AND DEVELOP. CO.		104+00*
TOTAL	5+50 -59+40	n+en	CHANDLERS PALOS VERGES SAND AND GRAVEL CORPORATION SECOND WEST COAST HASIN JUDGMENT SUCCESSOR TO SOUTHWESTERN PORTICAND CEMENT COMPANY SUCCESSOR TO TORRANCE SAND AND GRAVEL CORPORATION	95.20 15.00 184.00	294+20*
AMERICAN PLANT GRUWERS. INCORPORATED SECOND WEST COAST MASIN JUDGMENT SUCCESSOR TO BEN CLUFF DAIRY	2+60		TOTAL		294+20*
TOTAL ANDERSON+ REMBERT C	80.50	10+00*	CMANSLOR-WESTERN DIL AND DEVELOPMENT COMPANY FORMERLY CMANSLOR-CANFIELD MIDWAY DIL (UMPANY) SOLD TO CARSON-MADRONA LOMPANY TOTAL	104.00	0+00
SOLD TO SPARKLETTS URINKING WATER CORPORATION TOTAL	-80.50	0+00	CHRISTIE: CLEM: UON C: FUML AND LEON LAKSON (TRUSTEES OF WILMINGTON (EMETERY ASSOCIATION) ABANDONEO WATER RIGHT	0 = 0 <	
ASAMI FANCY KOI. INCORPORATEO SUCCESSOR IN PART TO JAKE ENGELSMA		2 + 00	ABANDONEO WATER RIGHT TOTAL	-0.02	0.00
ASSOCIATED SOUTHERN INVESTMENT GOMBANY FROMM RLY EDISON SECURITIES FORMANY SOLD IO SONTHERN CALIFORNIA FUTSON COMPANY TOTAL	46.70 -46.70	0 - 00	CLUFF, BEN DAIRY SUCCESSOR TO ENHARD AND EMILY COST SOLO TO AMERICAN PLANT GROWLRS, INC. TOTAL	7 • 4 0 - 7 • 4 0	0+00
ATLANTIC RICHFIELD COMPANY (FORMERLY RICHFIELD OIL COMPANY)		4428+00	COAST FOREST PRODUCTS SUCCESSOR TO SOUTHWEST STELL ROLLING MILLS SOLD TO GEORGIA—PALIFIC CURPORATION TOTAL	3.40 -3.40	0 + 0 0
AUTOMATION INDUSTRIES, INC-HARRIS TURE SUCCESSOR TO HARRIS TUBE, INCORPORATED		0+10#	COLLISTER. CAMERON QUITCLAIMED TO NORMANDIE PARY TOTAL	136 + 82 -136 + 82	
BALLMAN, ROSEMARY N SOLD TO UNITED CALIFORNIA HANK TOTAL	7 + 00 -7 + 00	0.00	COLUMBIA BROADCASTING SYSTEM. INC.	18.50	0+00
RANK OF AMERICA NATIONAL TRUST AND SAVINGS	0.10		SOLO TO RONALD E, MOHAN CHANGED NAME TO CUS INC TOTAL	-9+00 -9+50	0.00
ASSOCIATION CIRUST B1-511 RELEASED TO MICHAEL L. ROCKWELL TOTAL	-0.10	0+00	COST. EDWARD AND EMILY SOLO TO BEN CLUFF DAIRY	7 • 4 0 - 7 • 4 0	
RARCLAY HOLLANDER FURCI INC SUCCESSOR IN PART TO JOUGHIN TORRANCE MANCH		3.33	TOTAL CUPTIS, OWEN W.	3.80	0.00
BARCLAY + HICHARU AND H + A + WATT SUCCESSORS TO EMMA J + OSDORN SUCCESSORS IN MART TO ISABELA J + GRANZ ESTATE	32.66 13.55		SOLD TO SOUTHERN CALIFORNIA WATER COMPANY TOTAL	-3+44	0 • 3 5
SUCCESSORS IN PART TO GEORGE H. MURDOCK SOLD TO CITY OF TORRANCE TOTAL	13 • 75 -59 • 96	0.00	DEL AMO ESTATE COMPANY SOLU TO COMINGUEZ WATER CORPORATION TOTAL	121.00	0.00
RAHMAN. GUS A. TRANSFERRED TO PALOS VERDES REGONIA FARM		0+00	DELANEY, GOLOA, ESTATE OF (FORMERLY ARTHUR), DELANEY) SUCCESSOR TO BEGO CORPORATION		4.10
MEG PORATION SOLD TO FITATE OF GOLDA DELANEY TOTAL	4 • 10 -4 • 10	0+00	DESSER ENTERPRISES SECONO MEST COAST HASIN JUOGMENT		0+00*
HELVIDERE MUTUAL WATER COMPANY SOLD TO CITY OF TORNANCE TOTAL	33.40 -33.40	0.00	DOMINGUEZ ESTATE COMPANY SOLD TO DOMINGUEZ WATER COMPONATION TOTAL	254+00 -254+00	0.00
BOISE CASCADE BUILDING COMPANY SUCCESSOR IN PART TO JOURNIN TARRANCE RANCH SOLD TO INSEEMODO CITY OF TOTAL	16+92 -16+92	0.00	DOMINUEZ WATER COMPONATION SUCCESSOR TO CARRON ESTATE COMPANY SUCCESSOR TO DEL AND ESTATE COMPANY SUCCESSOR TO DUMINGUEZ ESTATE COMPANY SUCCESSOR TO DOM WILSON BUILLERS SUCCESSOR TO DOM WILSON BUILLERS SUCCESSOR TO JEANTH, N., HEVIFFWERCE	9477.80 130.00 121.00 254.00 32.60	
BURKE, W. F. AND LJIS PHICE SOLD TO H. S. SCOTT TOTAL	9.50 -9.50	0+00	SUCCESSOR TO JEANETTO W. HEYDENDECK SUCCESSOR TO KENDON DANARYN. TO A., SUCCESSOR TO PART TO M., J. LANLY SUCCESSOR TO PART TO M. A. WATT, INCOMPUNATED SOLD IN PART TO WATKON LAND COMPANY TOTAL	n.7n 19.30 91.00 61.85 -37.60	0150+65*

ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES SEPTEMBER 1975

			•	,		
	OOM WILSON BUILDERS SUCCESSORS TO KASUD ISAMU AND YOSMIK! R. KITA SOLD TO DOMINGUEZ WATER CORPORATION TOTAL	32.60 -32.60		GOMZALES, FELIPE AND GABRIELA GRAND LAND COMPANY		34.30*
	DDUGLAS AIRCRAFT COMPANY, INCORPORATED (SEE MCDONNEL DOUGLAS CORP.)	es.		SUCCESSOR IN PART TO SMITH, A. M., ET AL. ABANDONED WATER RIGHTS 1981-62 TOTAL	5 • 70 -5 • 70	
	DRAPER. CHARLES L. SOLD TO ALCAST FOUNDRY, ET AL. TOTAL	7 · 20 -7 · 20	0+00	GRANTO JOHNO ESTATE DF GRANZO ISABELA JO (PER JUDGMENT)		59.00*
	EARLY. M. J. AND DAISY SOLD TO DOM NGUEZ WATER CORPORATION SOLD TO SAMUEL R. AND RAYMOND <. FUJIMOTO TOTAL	111.00 -91.80 -20.00		DHAME, ISABELA J. (PER JUDGHENT) PARTITIONED TO HEIR STATE JUDGHEN TO BANCE STATE GEORGE R. HURBOOK EMMA J. OSBORN SUBJECT TO LONG TERM LEASE STANDARD DIL COMPANY OF CALIFORNIA SUPERTION ON LICENSEANY OF CALIFORNIA SUPERING OIL COMPANY	380+00 -33+80 -212+42 -15+12 -32+66 59+60	
	EDISON SECURITIES COMPANY INOW KNOWN AS ASSOCIATED SOUTHERN INVESTMENT CO.I			1	26.40	86.00
	ELL'INWOOD» LATHROP M. SOLD TO ISAMU» KASUO ANU YOSHIKI R. KITA TOTAL	32+80 -32+60	0 • 00	GRANZ, ISABELA J., ESTATE OF SUCCESSOR IN PART TO ISABELA J. GHANZ SUCCESSOR IN PART TO RICHARD BARCLAY AND R. A. WATT SOLD IN PART TO NED ENITWOLT AL. SOLD IN PART TO R. A. WATT, INFORMOMATED TOTAL	33.80 -13.55 -6.50	
	EL SEGUNDO+ CITY OF		953.000		-13.75	0.00
	ENGELSMA. JAKE SUCCESSOR TO WILBUR HORMSTRA SOLO TO ASAMI FANCY KOI. INCORPORATED TOTAL	14 - 10 -2 - 00	12.10	MARRIS, R. AND L. SUCCESSOR TO LAWRENCE I. LISTON DISCLAIMED WATER RIGHT TOTAL	D • 70 -0 • 70	
	ETCHMENDY. CAROLINE. ESTATE OF		8+20	MARRIS TUBE: INCORPORATEO SUCCESSOR IN PART TO B: ROBINSON AND ASSOCIATES TRANSFERRED TO AUTOMATION IND: INC-MARRIS TUBE TOTAL	0.70	
	WING. CARMELITA ROSECRANS SOLD TO SOUTHERN CALIFORNIA WATER COMPANY TOTAL	91.30 -91.30	0+00	HAWTHORNE CITY OF		1882.00
,	WING. NED ET AL. SUCCESSOR IN PART TO ISABEL J. GRAMZ ESTATE SOLD TO P. A. WATT. INCORPORATED TOTAL	6+50 -6+50	0.00	MENDERSON, BEATRICE M. ABANDONED WATER RIGHT TOTAL	1.30	0.00
,	LESH+ LESLIE R+ AND ANDOR PASTERMAX+ ET AL+ SUCCESSORS TO ALEMED 0+ AND RUTH SEABACK SOLD TO STAMLEY C+ LAGERLOF TOTAL	3.50 ~3.50	0.00	HEYDPHRECK. JEANETTE R. (FORMERLY JEANETTE R. REIFSNYDFR) SOLD TO DOMINGUEZ WATER CORPONATION TOTAL	D+7D -0+70	0.00
F	LFTCHER OIL AND REFINING COMPANY FORMERLY FLETCHER OIL COMPANY; SUCCESSOR TO FLETCHER, ROBERT G. ET AL TOTAL	86+30	90.000	HILLSIDE MEMORIAL PARK SUCCESSOR TU SIGMUND S. AND LIGHEL S. HOLKWALD TOTAL	16+70 12+50	29+20*
F	LETCHER, ROBERT G., DANIEL S., AND WILFRED D. SUCCESSOR TO FRED A. JUNGOUIST SOLD TO FLETCHER OIL AND REFINING COMPANY TOTAL	3.70 -3.70	0.00	MOTEVALO: SIGNUND S: AND LIDNEL S: SUCCESSOR TO W. J. FROGGE SOLD TO MILLSIDE MEMORIAL PARK TOTAL	12+50 -12+50	0+00
£	ROGGE. W. J. SOLD TO SIGMUND S. AND LIONEL S. MOCKWALD TOTAL	12.50 -12.50	D • DD	MOLLYWOOD TURF CLUB MORMSTRA: WILBUR SOLD TO JAKE ENGELSMA	14+10 -14+10	282+00*
	UKUMA. MERBERT SAKAYE IDDING RUSINESS AS MAYFLOWER NURSERIESI			TOTAL HUNT. DONALD G. SUCCESSOR TO HAMES SCANDA	1.90	0.00
F	MLILOVE, POBERT L. SOLD TO STATE OF CALIFORNIA TOTAL	1.00	0+00	SOLD TO KENICHI INDSE TOTAL	-1.90	0+00
F	JJIMOTD . SAMUEL R. AND RAYMOND S. SUCCESSON IN PART TO M. J. AND DAISY EARLY		20.00	INDUSTRIAL CHEMICAL DIVISION, ALTIFD CHEMICAL CORP. (FORMERLY ALLIED CHEMICAL CORP., GEN. CHEMICAL CO)		255.00*
	UTHEA INDUSTRIES» INCOMPORATED SUCCESSOR TO SPANISH AMERICAN INSTITUTE		44.40	INGLEWOOD. CITY OF SUCCESSOR TO FRANK ABFIL SUCCESSOR TO BOISE CASCADE BUILDING COMPANY SUCCESSOR TO GEORGIA-PACIFIC COMPONATION SUCCESSOR IN PART TO GEORGE R. MUNUOCK TOTAL	4382.00 1.80 16.92 3.40	
G	RPRETT CORPORATION: IME SUCCESSOR TO SMINODA BROTHERS: INCORPORATED		22.50*		1.37	4405.49*
G	ORGIA-PA IFIC CORPORATION SUCCESSOR TO COAST FOREST PRODUCTS SOLD TO INGLEWOOD: CITY OF TOTAL	3 + 4 0	D+D0	INDSE, KENICHI SUCCESSOR TO DONALU G. HUNT SUCCESSOR TO IMANTER. RALPM AND LOIS A. LENDIR TOTAL	1.90 3.50	5+40*
GE	PAHILE LAND COMPANY SUCCESSOR AND ASSIGNEE FOR A+ 5+ JOHNSTON ORILL CO ABANDONED WATER RIGHT TOTAL	11.90	D.DD	ISAMU - KASUD AND YOSHIKI R. KITA SUCCESSOR TO LATHROP M- ELLINWOOD SOLD TO DON WILSOM BUILDERS TOTAL	32 + 6D -32 + 6D	0 • DO
61	LLINGHAM. FLORENCE P ET AL.		2.40	JENKINS, MARRY C. SUCCESSOR TO M. L. PERRY SOLO TO APC NURSERY, INCORPORATED TOTAL	1.80	D+0D

ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES SEPTEMBER 1975

IOHNS-HANVILLE PRODUCTS CORPORATION		681.00*	MAYFLOWER NURSERIES (SEE ALSO UNDER HERBERT SAKAYE FUKUMA)		0.00*
JOHMSON - C. F. TRAMSFERRED TO KADRU AND SATORIJ WADA TOTAL	12+20	0.00	MCCANDLESS. JAMES SOLD TO SPARKLETTS DRINKING WATER CORPORATION TOTAL	6 • 70	0 • 00
JOHNSTON+ A. S.: ORILLING COMPANY ASSIGNED TO GERANUE LAND COMPANY TOTAL	11.90 -11.90	0.00	MCOOMNELL DOUGLAS CORPORATION (FORMERLY DOUGLAS AIRCRAFT COMPANY, INCOMPORATED) LONG TERM LEASE FROM UNITED STATES NAVY DEPARTMENT		1+70
JONES: ANNA MAE SOLO TO CITY OF TORRANCE TOTAL	50+20 -50+20	0.00	MOBIL OIL CORPORATION (FORMERLY SOCONY MOBIL OIL COMPANY)	2	570+00
JOUGHIN TORRANCE RANCH SUCCESSOR IN PART TO ISABELA J, GRAN? SOLD IN PART TO BARCLAY HOLLAMOEN CURCI INC SOLD IN PART TO BOISE CASCADE RUILUING CUMPANY SOLD IN PART TO COLLISTER, CAMPRON	212.42 -3.33 -16.92		MONETA MUTUAL WATER COMPANY SOLO TO CITY OF TORRANCE TOTAL	916.00 -916.00	0+00
SOLO IN PART TO COLLISTER, CAMERON SOLO IN PART TO R. A. WATT, INCORPORATED TOTAL	-136.82 -55.35	0.00	MONIZ. JOE JR. SOLO TO STATE OF CALIFORNIA TOTAL	2 • 20	0.00
JUMGOUIST, FRED A. FORMERLY KATHERINE P. WOODMAN JUMGOUIST) SOLD TO ROBERT G. DANIEL S. P. WILFRED D. FLETCHER TOTAL	3.70 -3.70	0+00	MORAN, RONALD E. SUCCESSOR IN PART TO C d S , INCORPORATEU SOLD TO CITY OF TORRANCE TOTAL	9+00	0+00
KAMLERT. LT AL SUCCESSOR IN PART TO KELLY PIPE COMPANY SOLD TO SPARKLETTS DRIMKING MATER CORPORATION TOTAL	18.90 -18.90	0.00	MORI. ROY N. AND KENJI SECOND WEST COAST BASIN JUDGMENT SOLD TO NOZAKI. SUMIKICHI TOTAL	9.60 -2.00	3+60*
KELLY DIDE COMPANY SOLD IN PART TO STATE OF CALIFORNIA SOLD IN PART TO KANLERT, ET AL, SOLD IN PART TO SPARKETTS DRINKING WATEN CORP. TOTAL	49.00 -16.30 -18.90 -13.60	0.00	NURDOCK, GEORGE R. SUCCESSOR IN PART TO ISABELA J. GRANZ SOLO IN PART TO R. BARCLAY AND R. A. WATT SOLO IN PART TO CITY OF INGLEWOOD TOTAL	15+12 -13+75 -1+37	0.00
KURIZ+ GLADYS SOLD 10 SPARKLETTS ORINKING WATER CORPORATION TOTAL	3 · 5 0 -3 · 5 0	0+00	MAKANO» KIKUNO» ET AL» Solo to dominguez water corporation Total	19.30 -19.30	0.00
LAGERLOF, STANLEY C. SUCCESSOR TO LESLIE R. FLESH AMO AMOOR PASTERNAK, ET. AL		3.50	NAVARRO. T. C. SOLO TO HILARIO S. AND EMMA ALWAG TOTAL	53.90 -53.90	0.00
LAWLER, JAMES K. SOLO TO R. ROBINSON AND ASSOCIATES TOTAL	3 · 10 -5 • 10	0.00	NORAIR: A DIVISION OF NORTHROP CORPORATION (FORMERLY KNOWN AS NORTHROP AIRCRAFT: INC.)		30.15
LERMENS. ALFRED		0.70*	NORMANDIE PARK SUCCESSOR TO COLLISTER, CAMERON SOLD TO CITY OF TORRANCE TOTAL	136.82	0.00
LISTON. LAWRENCE SOLO TO R. AND L. HARRIS TOTAL	0.70 -0.70	0+00	NOZAKI. SUMIKICHI SUCCESSOR IN PART TO MORI. ROY H AND KENJI SUCCESSOR IN PART TO UNITED "ALIFORNIA BANK TOTAL	2+00 5+00	7.00*
LONG BEACH, CITY OF		0 • 70	OSBORN: EMMA J. SUCCESSOR IN PART TO ISABELA J. GRANZ SOLO TO R. BARCLAY AND R. A. WATT	32.66 -32.66	
LOS ANGELES. CITY OF		3.70	TOTAL OTANI, CHISATO		0.00
LOS ANGELES COUNTY-ALONORA PARK SUCCESSOR TO LOS ANGELES COUNTY FLOOD CONTROL DIST TOTAL	28+70 39+00	67+ ⁷ Q*	PACIFIC CREST CEMETERY COMPANY SUCCESSOR TO H. S. SCOTT SUCCESSOR TO MADA KADRU AND SATORU	17+70 9+50 12+20	
LOS ANGELES COUNTY FLOOD CONTROL DISTRICT SUCCESSOR IN PART TO A. M. SMITM, ET AL SOLO TO LOS ANGELES COUNTY - ALONDRA PARK TOTAL	37+60 1+40 -39+00		TOTAL PALOS VERUES BEGONTA FARM SUCCESSOR TO GUS A. BAUMAN		0.00*
LOS ANGELES COUNTY SANITATION DISTRICT NO. 2		102.000	RALOS VERGES WATER COMPANY SOLO TO CALIFORNIA WATER SERVICE COMPANY	999.00	
LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 13		1352-00*	TOTAL RARK WATER COMPANY		0.00
LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 22		551.00*	RARKE. ZORAJDA	1.80	
LOS ANGELES COUNTY -WESTERN AVENUE GOLF COURSE SECONO WEST COAST ANSIN JUDGMENT LISTED AS BOARD OF RETIREMENT OF THE LOS ANGFLES COUNTY EMPLOYEES RETIREMENT SYSTEM»		296+00*	SOLD TO M. L. PERRY TOTAL PASCHKE, WILLIAM JOSEPH	-1+80	0.00
LOYOLA MANYMOUNT UNIVERSITY FORMERLY LOYOLA UNIVERSITY OF LOS ANGELES		48,10*	PASCHKE WILLIAM JOSEPH ABANOMED WATER RIGHT TOTAL	-0+02	0.00
MANHATTAN BEACH. CITY OF		1131+20*			

ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES SEPTEMBER 1975

		1	AND THE ON CALLEDONIA WATER COMPANY	6265.30	
PERRY. H. L. CUCCESSON TO 20RAIDA PARKE	1.60		COUTHERN CALIFORNIA WATER COMPANY SUCCESSOR TO GAMMELITA ROSECRANS ENING SUCCESSOR TO RAYA AERONAUTICAL COMPANY SUCCESSOR TO SOUTHERN PACIFIC COMPANY SUCCESSOR IN PART TO OWEN WE CHATTE	91.30 20.20	
SUCCESSOR TO ZORAIDA PARKE SOLD TO HARRY C. JENKINS	-1.80		SUCCESSOR TO RYAN AERONAUTICAL COMPANY SUCCESSOR TO SULTHERN PACIFIC COMPANY	166.00	
TOTAL		0.00	SUCCESSOR IN PART TO OWEN N. CURTIS	3.44	
			SUCCESSOR IN PART TO BE ROBINSON AND ASSUCIATES	2.40	548-64
PHILLIPS PETROLEUM COMPANY (FORMERLY TIDEWATER OIL COMPANY)		167.000	TOTAL		
Tronscar's Indepoted one community			SOUTHERN PACIFIC COMPANY	166.00	
REMOR . JOSEPHINE P.		2+20	SOLU TO SON CALIFORNIA WATER COMPANY	-166.00	0.00
MEMOR DUSCHALME P+			TOTAL		0.00
REIFSNYDER. JEANETTE R.					
(NOW KNOWN AS JEANETTE R. HEYDENBECKT			SOUTHWEST STEEL ROLLING MILLS SUCCESSOR TO A. K. WILSON LUMBER COMPANY SOLD TO COAST FOREST PRODUCTS	3.40	
			SOLO TO COAST FOREST PRODUCTS	-3.40	
RICHFIELD OIL CORPORATION			TOTAL		0.00
INOW KNOWN AS ATLANTIC RICHFIELD COMPANY					
			SOUTHWESTERN PORTLAND CEMENT COMPANY SOLU TO CHANDLERS PALOS VERUES SAND + GRAVEL CORP.	15-00	
ROBINSON B. AND ASSOCIATES	3-10		SOLD TO CHANDLERS PALOS VERUFS SAND + GRAVEL CORP.	-15.00	0.00
ROUINSON. B., AND ASSOCIATES SUCCESSOR TO JAMES K. LAWLER SOLD IM PART TO MARRIS TUBE. INCORPORATED	-0.70		TOTAL		
SOLD IN PART TO SOUTHERN CALIFORNIA WATER COMPANY	-2.40	0.00	SPANISH AMERICAN INSTITUTE	44.00	
TOTAL		0.00	SOLD TO FUTURA INDUSTRIES. INCORPORATED	-44.40	
			TOTAL		0.00
ROCKWELL - MICHAEL L					
SUCCESSOR TO BANK OF AMERICA NATIONAL TRUST AND SAVINGS ASSOCIATION (TRUST B 1-51)		0+10	SPARKLETTS DRINKING WATER CORPORATION SUCCESSOR TO GLADYS KURT? SUCCESSOR TO JAPES MCCANDLESS SUCCESSOR TO KAMLERT. ET AL. SUCCESSOR TO RAMBERT C. ANDLRSON. ET AL. SUCCESSOR TO STATE OF CALIFORNIA STATE OF CALIFORNIA SUCCESSOR TO MECHANIA.	3.50	
			SUCCESSOR TO GLADYS KUNTZ SUCCESSOR TO JAMES HCCANDLESS	6.70	
RODRIGUEZ. FLAVIO	6.10		SUCCESSOR TO KAHLERT. ET AL.	16.90	
RODRIGUEZ. FLAVIO SOLD TO STATE OF CALIFORNIA DISCLAIMED MATER RIGHT	-4.00 -2.10		SUCCESSOR TO STATE OF CALIFORNIA	26.10	
DISCUSINED NATER KIGHT		0.00	SUCCESSOR TU WECHSLEH. B. A.	3.10	
			SUCCESSOR TO MECHSLER. B. A. SUCCESSOR IN PANT TO KELLY PIPE COMPANY TOTAL	13.80	152+60
ROMAN CATHOLIC ARCHBISHOP OF LOS ANGELES					
INOLY CROSS CEMETERY!		72.30*	STANDARD DIE COMPANY OF CALIFORNIA		4541.70*
			3740		
RUFFNER CORPORATION			STAUFFER CHEMICAL COMPANY		521.00*
SUCCESSOR TO LOUIS M. SEPULY DA ABANDONED WATER RIGHT	0+70 -0+70		STAUFFER CHERICAL COMPANY		
ABANDONED WATER RIGHT		0.00	SUPERIOR OIL COMPANY		0.00
• • • • • • • • • • • • • • • • • • • •			SOMEWION OIL CONTACT		
RYAN AERONAUTICAL COMPANY	20.20			5.50	
SOLD TO SOUTHERN CALIFORNIA WATER LOMPANY	-20-20	0.00	SWICK PEGGY SOLD TO MILARIO AND EMMA ALWAG	-5.50	
TOTAL		0.00	TOTAL		0.00
		39.50*			
SANTA FE LAND IMPROVEMENT COMPANY		39.30*	TE XACO+ INC+		3432.00
	1.90				
SCANDA, JAMES AND GEORGE NASSIN SOLD TO DONALD G. HUNT	-1.90		THAKTER. RALPH AND LOIS A. LENDIR	3,50	
TOTAL		0.00	SOLD TO KENICHI INOSE	-3.50	
			TOTAL		0.00
SCHLAEGEL. KEITH W. AND OPAL B. SQLD TO SIDNEY R. AND CHARLOTTE W. TITLE	13.60				
SOLD TO SIDNEY R. AND CHARLOTTE W. TITLE TOTAL	-13.60	0.00	TIDEWATER DIL COMPANY (SEE PHILLIPS PETROLEUM COMPANY)		
1014			(SEE PRICEIPS PETROCCON CONTRACT		
SCOTT: H. '. SUCCESSOR TO W. F. BURKE AND LOTS PRICE	9.50		TITLE - SIDNEY R - AND CHARLOTTE W - SUCCESSOR TO KEITH W - AND OPAL 8 - SCHLAEUEL	13.60	
QUITCLAIMED TO PACIFIC CREST CENETERY COMPANY	-9.50		SOLD TO ABC MURSERY. INCORPORATED	-13.60	0.00
TOTAL		0.00	TOTAL		0.00
				2519+00	
SEABACK. ALFRED D. AND RUTH	3+50		TORRANCE, CITY OF SUCCESSOR TO ALCAST FOUNDRY. ET AL	7.20	
SOLU TO LESUTE H. FLESH AND ANDOR PASTERNAK. ET AL	-3.50	0.00	TORRANCE, CITY OF SUCCESSOR TO ALCAST FOUNDRY, ET AL SUCCESSOR TO RICHARD BAHCLAY AND R. A. WATT SUCCESSOR TO BELVIDERE MUTUAL WATER COMPANY	7.20 59.96	
TOTAL		2.00	SUCCESSOR TO BELVIDERE MUTUAL WATER COMPANY	33.40	
SEPULVEDA. LOUIS M.	0 - 70		SUCCESSOR TO BE SUBJECT AND THE COMMAN SUCCESSOR TO MONETA WITE COMMAN SUCCESSOR TO ROMALO E - WORM SUCCESSOR TO ROMALO E - WORM SUCCESSOR TO ROMANO E PAR SUCCESSOR TO TORRANCE WIFFLD SCHOOL DISTRICT SUCCESSOR TO TORRANCE WIFFLD SCHOOL DISTRICT SUCCESSOR TO R.A. WATT. IN-UMPONATED	916+00	
ACQUIRED BY HUFFNER COMPONATION	-0.70		SUCCESSOR TO ROMALO E. MORAM	9.00	
TOTAL		0+00	SUCCESSOR TU TORRANCE UNIFILD SCHOOL DISTRICT	59.40	
			SUCCESSOR TO R. A. WATT, INCUMPONATED	13.75	3604+T3*
SHIETS+ ESTHER M.		5.50	19176		
FORMERLY CLYDE L. SMEETS!		3.50	TORONALIS TANO AND GRAVEL COURDRATION		
THE STATE OF THE S		4516+00*	TORRANCE SAND AND GRAVEL COMPONATION SUCCESSOR TO MESTON INVESTMENT COMPANY SOLD TO CHANDLERS PALOS VERDES SAND + GRAVEL CORP.	184.00	
SHELL OLL COMPANY		+010.00	SOLD TO CHANDLERS PALOS VERDES SAND + GRAVEL CORP.	-184.00	0.00
THE CONTRACT LACOURDS			TOTAL		0.00
SMINODA BROTHERS. INCORPORATED SECOND MEST COAST BASIN JUUGMENT SULD TO GANHETT CORPUNATION. THE TOTAL	22.50				
SULD TO GARRETT CORPURATION. THE	-22.50	0.00	TORRANCE UNIFIED SCHOOL DISTRICT	59.40	
TOTAL		0.00	TORRANCE UNIFIED SCHOOL DISTRICT SUCCESSOR TO HILARIO S. AND FMMA ALWAG SOLD TO CITY OF TORRANCE	-59.40	
THE RESERVE AND ASSESSMENT OF THE PARTY OF T	9.70		TOTAL		0.00
"MITH» A. M., (SAM SURBER AND FREDA SMITH) SOLD IN PART TO STATE OF CALIFARNIA SOLD IN PART TO GHAND LAND COMPANY SOLD IN PART TO L. M. CO. FLOOD CONTROL DISTRICT	-2.60	1			
SOLO IN PART TO GRAND LAND COMPANY	-5.70		TUNE . MATES . ET AL.	3+10	
SOLD IN PART TO L. A. CO. FLOOD CONTROL DISTRICT	-1 - 40	0+00	SUCCESSOR TO JOSEPHINE WATKINSON SOLO TO 8. A. WECHSLER	-3+10 3+10	
101%		0.00	TOTAL		0.00
SOCONY HOUSE OIL COMPANY					
TRE HOBIL OIL COMPANY)			UNION NURSERY. INCORPORATED		
			SECOND WEST COAST BASEN JUDGHENT		4.10*
SOUTHERN CALIFORNIA EDISON COMPANY	10.40				
SUCCESSUR TO ASSOCIATED SOUTHERN INVESTMENT CO.	44 70	1	UNION OIL COMPANY OF CALIFORNIA		2670.00*
TOTAL	46.70	37+104			

ADJUDICATED RIGHT OF WEST COAST BASIN PARTIES SEPTEMBER 1975

GRANO TOTAL	64	4468.25
ZEIGLER+ MAXWELL T.		0.00*
WOODMAN, KATHERINE P. (SEE FRED A. JUNGQUEST)		
WISERURN SCHOOL DISTRICT		8 • 20 •
WILSON: A. K LUMBER COMPANY SOLD TO SOUTHWEST STEEL ROLLING MILLS TOTAL	3 • 4 0 -3 • 4 0	0.00
WESTON INVESTMENT COMPANY SOLD TO TORRANCE SAND AND GRAVEL COMPONATION TOTAL	184.00 -184.00	0+00
WECHSLER, 8. A. SUCCESSOR TO MATES TUNE, ET AL SOLD TO SPARKLETTS DRINKING WATER CORPORATION TOTAL	3 · 10 -3 · 10	0 • 00
WATT, R. A., INCORPORATED SUCCESSOR TO NEO EMING, ET AL. SUCCESSOR TO NEO EMING, ABELA J., GMANZ ESTATE SUCCESSOR IN PART TO JODUPH IN TORRANCE MANCH SOLD TO DOMINGUEZ WATER CORPORATION SOLD TO CITY OF TORRANCE TOTAL	6.50 13.75 55.35 -61.85 -13.75	0+00
WATSON LAND COMPANY SUCCESSOR IN PART TO COMINGUEZ WATER CURPORATION TOTAL	47.60 37.60	80.200
WATRINSON, JOSEPHINE SOLO TO MATES TUNE, ET AL, TOTAL	3 • 10 - 3 • 10	0 • 00
WADA, KAORU AND SATORU TRANSFERRED FROM C. F. JOHNSON SOLO TO PACIFIC CREST CENETERY COMPANY TOTAL	12.20	0.00
VERBURG, WILLIAM AND CLARA U. SOLD TO ABC NUMSERY, INCORPORATED TOTAL	6 • 70 -6 • 70	0.00
UNITED STATES STEEL CORPORATION	:	1771+00*
UNITED STATES NAVY DEPARTMENT TRANSFERREU FROM ALUMINUM COMPANY OF AMERICA LONG TERM LEASE TO MCDONNELL UNUGLAS CONPORATION TOTAL	1.70	0.00
UNITEC CALIFORNIA BANK SUCCESSOR TU BALLWAN, ROSENARY N SOLD TO A R C NURSERY, INCORPOPATED SOLD TO NOZAKI, SUMIKICHI TOTAL	7 • 00 -2 • 00 -5 • 00	0+00
-		

^{*}MEMBER OF EXCHANGE POOL AS OF SEPTEMBER 30, 1974, PURSUANT TO PARAGRAPH VII OF THE JUUGMENT.

COPIES OF DOCUMENTS SUBSTANTIATING TRANSFER OF ADJUDICATED RIGHT

AGREENENT

THIS AGREEMENT is made and entered into this 14th day of 13mmary , XDDNC, by and between the CITY OF INGLEWOOD, a municipal corporation, hereinafter referred to as "INGLEWOOD" and ATLANTIC RICHFIELD COMPANY, herainafter referred to as "ATLANTIC";

RECITALS

MMEREAS, both INGLEWOOD and ATLANTIC are producing from the West Basin; and

MMEREAS, INGLEWCOO has an allowed pumping allocation of

WHEREAS, ATLANTIC desires to make temporary use of a portion of INGLEWOOD's allowed pumping allocation for one water year only;

NOW, THEREFORE, THE PARTIES MERETO AGREE AS EQULOWS:

 INGLEROOD has granted to ATLANTIC by a separate document a license to produce a portion of INGLEROOD's West Basin allowed pumping allocation in the quantity of 1,100 acre-feet for the water year which currences October 1, 1974, and which water year ends un Sentecher 30, 1925.

-2-

 ATLANTIC agrees to pay INGLEWOOD the net sum of \$31,900 in October, 1975.

IN MITHESS WHEREOF, the parties hereto have authorized the due execution hareof by their respective officers the day and year first above set forth.

ATLANTIC RICHFIFLD COMPANY

av Million Vice President JAK

Payor

and By // (Assistant Scoretary)

ATTEST:

CITY OF INGLEWOOD, CALIFORNIA,

THY WILL

(SEAL)

APPROVEN AS TO FCP 1:

C1-05/1/2

WATER INTOIT LICENSE AND ACREEMENT

Said Bleenes is granted subject to the following conditions

(1) Atlantic Sichfield shall exercise said right and extract the same on behalf of Standard, during the period specified, and put the same to beneficial use.

(2) Handard represents and werrants that it come said water rights, and agrees to lademity Atlantic Mindiad assists any claims by other to said water rights. But the right to puss paid bilty one bandered (100) area feet of water for and during said period, and that it has the fall right, without further membershallow as a sperved all early governments amborization as a sperved as may powerments and ambority or an energy, to lesse to Atlantic Kindiad said water rights and the right to puss said thirty one bandered (100) accer fact of water during water period.

(3) Atlantic sachifield shall pay all assessments lavied on tim peach of suffiground waters, by the Control and Neat Basan slater Explicatebook Charistic

(4) Atlantic Richfield shall provide the District State Vatermonies with a roof this lesse agreement, and a copy to the Central and Unit Rawin Vater ReplaceSubmort Pistrict.

(4) Standard acrase not to pump or authorize any party other than \$11a.tx
Eirhfyld
ta pump netur from wall livet Goast Barks derine and period in a conville ships
world reduce tile water tiphs to the West Dank Barks made must densit men and handred (3101) acra [sect during the period beginning October 1, 1914 and suding Sapuraber 53, 1975.

DATEUI //3 /25

STANDARD DIL COUPANY OF CALIFORNIA, Western Operations, Inc.

13, 1,5

ATLANTIC RIGHFIELD ON PANY

Fitle Vice-Freeldent

ATER RESTE LICENS:

64155.7

Por a valuable consideration, 6-TOW OIL COMPANT OF ZEIFOA-15, a composition (Indice), bench product to ATLANTE CZZIII in which control to the composition of the comp

This license shall be subject to the following conditions

- Lienteen shall startche this license on cash extract the addressed 2000 exerchect of plantact of the behall of logan during the above specifies, action and easily the sinc to beneficial use associates shall not be the exercise increases of financia right acquire any right of exercise increases of financial right acquire any right.
- Licensee shall keep and maints, man, and the receipt of the ground water satractions and betweeners in analization to blatfact, it has come appointed sater sates; it shall the apartment of mater deswares of the title of California and to Union.
- Lignman small notify the latifor and the batch meter that such greated vator attraction was talle pursuant to the provisions of this ligement agreement, temps of which shall be provided to the Materiality by Union.
- Licenses shell pay to the district all ground water re plentament assessments levies by the district of the quantity of ground water entracted by Joonsee heraunder

Usion warrants that it owns the aforessit 2,000 acro fest of Adjulius tod Tight and that the sare has not seen nor sull it is extracted by into or by any other party under subtractly pranted by Honor, during the jeris beginning October 1, 1974 as ending Suptember 10, $10^{\rm min}$

IATTU: October), 1974

UNION OLD COMPANY OF CALIFOR IN

ATLANTIC PICIFICAL COMPLY

Prod C. Inderson, Freedert Union Peal Estate illusion. E;______

LEASE OF WATER RIGHTS

THIS LEASE is entered into the 30th day of July, 1975, by and between DOMINGUEZ MATER CORPORATION, a corputation, hereinafter DOMINGUEZ, and STANLEY C. LAGERLOF, an individual, hereinafter LAGERLOF.

For and in consideration of the mutual undertakings and obligations of the parties as hereinafter set forth, and for other valuable consideration, the parties hereto agree as follows

1. LAGERLUF has acquired the right to produce, extract and withdraw 3.5 acre teet of water per annum from the West Coast Bussin, as said basin is described in the Judgment in the Los Angeles Superior Court Case No. 506,806, entitled "Calitornia Kater Service Company, et al., v. City ni Compton, et al."

- 2 LAGERLOF hereby leases to DOMINGUEZ and UOMINGUEZ hereby accepts from LAGERLOF 3.5 acre feet of sald right.
- The term of this lease shall communes on the date of this lease and continue to and including September 30, 1975
- 4 DOMINGUEZ shall pay to LAGERLOF the sum of \$105.0U on or before September 30, 1975.
- 5 DOMINGUEZ shall pay, before delinquency, all pumping assessments levied by the Central and West Basin Water Replenishment District on LAGERLOF's said water rights.
- 6 DOMINGUEZ shall exercise all of the rights leaved hereunder and shall pump the same on behalf of LAGERLOF and shall pur the same to beneficial use on or before september 3D 1475
- 7. Each party agrees that of the quantity extracted by DOMINGUEZ, between the date of this lease and the end of the 1974-75 water year from the basin in which said rights were leased to DOMINGUEZ, 3.5 acre feet of said quantity shall be deemed to be pursuant to and in exercise of the rights leased hereby
- 6 The allowed pumping allocation of DOMINGUEZ small be increased by the amount hereby leased when computing arryover or allowable overextraction as provided by paragraph 6 of said judgment

DOMINGUEZ WATER CORPORATION

By C. W. Brywer, President

Studies Ch. Languin

WATER RIGHT LICEIS. AND AUPTL .. T.

for a valuable consideration, LETATL OF JOHN SPACE here that to silicade demonsal Mark and hassoleum: a license to silicade demonsal Mark and hassoleum: a license for estatement of the statement of the statemen

aid License in cranted, subject to the following condition:

- (1) whensee shall express said right and extract the size on behalf of ECTATE OF JOHN JAMTH during the period above specified and but the same to beneficial use and inchesse shall not by the exercise hereunder of said right adjusted any right to extract adder independent of the rights of licensor.
- (2) Licensee shall buy assessments levied on the pumming of dair ground waters by the Central and West Masin Mater Reblemisment District.
- (3) Licensee shall notify the District and the Jatermanter that said pumping was done Dursuant to this license and provide the Matermaster with a copy of this document.
- (v) Licensee shall note, in any recording of water production for the meriod of agreement, that said bumbing way done purposent to this licen.

ISTATE OF JUNE SHALL warrants that it has 59 acre-feet of Adiodicated Sight and that it has not pushed and will not numb or permit or license and wither person to push and part of said 59 acre-feet during the version (Joseph J. 1974 through September 30, 1977.

WATER USE LICENSE

The City of Inglewood, a municipal corporation, hereinafter referred to as "INGLEWOOD", hereby grants to the Department of Mater and Power of the City of Los Angelee, hereinafter referred to as "DEPARTMENT", a license to extract 1,400 sore-feet of Inglewood's Adjudicated Right allocated to INGLEWOOD under the terms of the decree in the action: California Nator Service Company, at al vs. Compton No. 506806, during the period commencing October 1, 1974 and continuing to and including September 30, 1975.

- Licensee shall exercise said right and extract
 the same on behalf of INGLEWOOD during the period above
 specified and put the same to beneficial use and licensee
 shall not by the exercise horounder of said right, acquire
 any right to extract water independent of right of licensor.
- 2. DEPARTMENT will pay to the Central and Weat Basin Water Replenishment District any pumping assessments leviad by the District during the 1974-75 water year on the quantity of water extracted by the DEPARTMENT from the West Basin under said license.
- DEPARTMENT will keep and maintain records of agreed production under this agreement and will report same to the Watermaster and to INGLEWOOD upon complation of DEPARTMENT's pumping.

 Licanse's Adjudicated Right shall be increased by the amount haraby lessed when computing carry-over or allowable overextraction as provided by Paragraph VI in eaid judgmant.

INGLEMODO warrants that it has 1,400 acra-fest of Adjudicated Right and that it has not jumped and will not pump or permit or licanse any other person to pump any part of said 1,400 acra-feet during period of October 1, 1974 through September 30, 1975.

DEPARTMENT OF MATER AND POWER
OF THE CITY OF LOS ANGELES

NOARD OF MATER AND YOUR COMMISSIONERS
OF THE CITY OF LOS ANGELES

By

Streetary

CITY OF ESCLEWOOD, a municipal corporation,

ATTEST:
City Clerk

(APTOP) AS TO BUHA

grin in it, he pump, a apportrains

THE Purples hereto and THE LOS NUCLUS COUNTY MATERMOAKS

THE AN INCLUSION ASSOCIATION, ASSOCIATION ASSOCIATION

TO BE A TOTOTHOST and the DEPARTMENT OF MATER AND POWER OF THE CITY

OF LOS ANGLES, herein referred to as TOTANTMENT.*

This agreement is based on the following fects:

- DIFARTURENT has an Allowed Pumping Allocation to
 produce sher from the Centrel Basin of California edjudicated
 to it under Central and Meet Basin Nevez Poplehishment District
 ys. Charles E. Adams, et al. No. 786,655, Los Angeles County
 Superior Court, and has the right to extract not less than 200
 acre-fact from eald basin for the behavior of the Mater year
 1971-75.
- 2. DISTRICT has an Adjudicated Right to produce weter the first sear Paul haalh of it informs adjudicated to it under Paul forms tater Service Company, et al. vs. City of Corpton, et al. bs. 356,836. Los Angeles County Superior Court, end has the right to extract not loss than 200 scre-feet of water from each cases for the talence of the water lear 1974-75.
- DIPATION has limited operational flexibility to extract its Allowed Pumping Allocation in the Central Dakin, but his greater operational fibribility to extract water in the West Coast Dakin.
- 4 Conversely, DISTRICT has 1, ited operational financiality to extract its Alf-dicated Right in the less Coast Resen, our has a creater operational fivilocity to extract better in the Central Basin.

Agreement No. 10580

- 5. An exchange of pumping ellotments would increase the operational flexibility of both Pertias and would be mutually brafficial thereto.
- The Parties desire to exchange that ellotheris on the terms and conditions set forth below.
- A. DISTRICT hereby permits DEPARTMENT to extract water from the West Coast Basin for the water year 1974-75 to the extent of 200 ecre-feet and no more.
- 8. OEPARTHENT hereby permits DISTRICT to extract water from the Central Basin for the water year 1974-75 to the extent of 200 acra-feet and no note.
- C. Each Party agrees to pay before delinquency eil pumping assessments levied by the Central and Meet Basiq Keter Replenishment District on each Perty's pumping sliotments.
- D. Each Party egrees to extract the full amount of 100 screefest of water from the basin in which the transformed pumping ellotrent exists end put end amount to beneficial use therein prior to the end of the 1974-75 water year.
- E. Each Party has the right to over-extract or under-extract es much es 25 acre-feet pursuant to the terms of the aforementioned Judgments.
- F. Each Perty agrees that the 200 acre-feet extracted by it following the date of the Agreement from the basin in which eigh pumping allouneate were transferred to it ehalf be deemed to be purelent to an exercise of the ellothents transferred bareby.



CCFARTHENT:

DIPARTMENT OF WATER AS POINTS OF THE CITY OF LEGISLATURE OF THE CITY OF LOSS ASSESSMENTS OF LOSS ASSESSMEN

The undersigned deputy Clerk of the Board of Supervisors certifies that pursuint to Section 25103 of the Government Gode delivery of this document has been code.



JAMES S HILE Executive Officer-Clerk of the Board of Supervisors

sv Cinc & Cin

200 28

LEASE OF WATER RECITS

THIS ACREDITION is entered into this 27th day of December, 1974 by ano between the City of El Segundo a general law city of the State of California, herinafter referred to as "City" and MOBIL OIL CORPORATION, herinafter referred to as "MOBIL".

For and in consideration of the mutual undertakings and obligations of the parties as hereinafter say out and for other valuable consideration, the parties hereto agree as follows:

- City hereby lawses to MOBiL and MOBIL tokes from City the right to excreise City's appropriative, prescriptive and adjudicated right to extract water from the West Coast Basin (the ground water basin within the Central and West Basin Nater Replenialment Olarict in the State of Cellfornia) to the extent of Three Numbred (300) acre feet.
- The term of this lease shall be for the water year commencing October 1, 1974, and continuing to and including September 30, 1975.
- MOBIL wait pay, before delinquency, all pumping assessments levied by the Central and West Pasin Water Replenishment District on City's said Three Pundred (300) acro feet of water right.
- 4. City has been adjudicated to own at least Three Hundred (300) acre feet of water in the case entitled CALIFOR IA WATER SERVICE COMPANY, et al VS CITY OF COMPTON, et al, Los Angeles Superior Court Case No. 506,506. However, City expressly makes no warranty that it is the owner of or has the right to lease the water rights purported to be lessed hereunder. In the event, however, that it is deemed at any time during the term hereof that City does not own the rights leased hereunder or any part thereof, City shall return to MODIL any consideration paid to City, computat on the agreed price per acre foot for any water rights which MORIL is unable to exercise because of City's lack of ownership in said water richis. City does not warrant that there is sufficient water to said Work Pasts so as to enable MOSIL to extract the rights lessed to it berounder, but in the event that MOBIL is prevented from exercising all or any portion of the rights leased hereunder due to constituted government authority, any consideration paid by MUBIL to City shall be returned to MDBIL upon the same basis as that stated
- 5. Mosil shall owercise all of the rights lessed hereunder and shall pump the same on bahalf of City and shall put the same to beneficial use. Mosil shall be relieved af its obligations under this peragraph to the axion: that its failure to pump any of City's rights lessed hereunder is caused by Mosil's inability to pump or use such water due to strikes, lockouts, algas growth in the water table, or any other reseon which would make the water industrially unusable by Mosil, acts of Ood, or other acts or occasions of which Mosil has no control. Mosil shall notify City within a reseonable time of the axistance of any of the aforementioned conditions.
- City shall not pump water from said West Basin during the term of this leave in a quantity which would include any portion of the Three blondred (1900) acre fret leased hersunder.
- Midfit shall report all of its extractions made pursuant to this lease
 in all agencies to whom such reports must be made, or in the alternative,
 shall provide such information regarding its pumping to City as that
 City may make such reports, if any are required during the term of this lease,
- If stiller party to this leave shall desire to service a notice on the
 other, such notice shall be deemed to have been sade if those sent to
 City are mailed to Mr. Ww. M. Glickman, Director of Public Works,

City Bail, 350 Nain Street, Al Sepundo, California 90265; and all notices ment to BBBL are waited to Pr. Arthur B. Mare, Reficery Manager, Nobil 0.1 Perspection, 3700 W t 190th Street, Tortaers, California 00509. Pelivery will be deeped to have been made when deposited in the United States mail, portage prepaid. Tither party way, by notice in writing to the other, change such address for notices to it.

IN WITHESS WINGREOF the parties hereto execute this agreement.

City Clerk

By E P Balone

Date February 4, 1075

Assessing State | DATT | DATT

HOBIL OIL CORPURATION

Arthur B. Hiser, Manager Torrance Refinery

Date January 2, 1975

LEASE OF WATER RIGHTS

THIS AGREPHONT is entered into this 13th day of Rovember, 1974 by and between STANDAMO DIL COMPANY OF CALIFORNIA, WESTERN OPERATIONS, INC., (a division of Standard Oil Company of California, a Odlaware Corporation), herinafter referred to as "STANDAMO" and MOBIL OIL CORPORATION, herinafter reforred to as "BOILL."

For and in consideration of the mutual undertakings and obligations of the parties as hereinafter set out and for other valuable consideration, the parties hereto agree as follows:

- 1. STANDARD hereby leases to MOBIL and MOBIL takes from STANDARD the right to exercise STANDARD'S appropriative, prescriptive and adjudicated right to extract water from the West Coast Basin (the ground water basis within the Central and West Basic Water Seplanishment District in the State of California) to the extant of One Thousand Five Numberd (1,500) acre fest.
- The term of this lease shall be for the water year commencing October 1, 1974, and continuing to and including September 30, 1975.
- MOBIL shall pay, before deliquency, all pumping assessments lavied by the Central and West Basic Mater Replanishment District on STANDARD'S said One Thousand Five Hundred (1500) acre feet of water right.

exercise because of STANDARD'S lack of a mership in said water rights. STANDARD does not within that there is sufficient water in said West Basin no as to simble POBLL to extract the rights haved to it hereinder, but in the event that HOBIL is prevented from exercising all or may portion of the rights leased hereinder due to exhaustion of said basin or intervention or prohibition by any legally constituted government inflortry, any consideration paid by POBLL to STANDARD shall be returned to POBLL upon the same basis as that stated above.

- 5. NOREL shall exercise all of the rights leased hereunder and shall pump the same on helaif of STANDARD and shall put the same to beneficial use. NOREL shall be relieved of its obligations under this perseparable to the extent that its failure to pump any of STANDARD'S rights leased here after is emised by NOREL'S inability to pump or use such water the to stribes, leclauts, algae growth in the sater table, or any other reason which would make the water industrially unwable by NOREL, etc., or other sets or excalons of which Wolf has no control. While shall sating STANDARD within a reasonable time of the existence of any of the aforecentioned conditions.
- STANDARD shall not pump water from said Vest Basin during the term
 of this leave in a quantity which would include any portion of the
 One Thousand Five Number (1500) acre feet leased hereunder.
- 7. Doubt shall report all of its extractions made pursuant to this lease to all agencies to whom such reports must be made, or in the alternative, shall provide such information reporting its pumping to STACHED so that STACHED may rule such reports, if any are required during the term of this lease.
- 8. If either party of this lease shall desire to service a motice on the other, such notice shall be deemed to have been made if those sent to STANDARD are mailed to Nr. Thron Riggs, Deneral Manager, Attention: Mr. C. D. Arker, Standard Oil Company of Californie, Vestern Operations, Inc., 124 West Fl Segundo Roulevard, El Segundo, Californie 90245; and all notices sent to NOBIL are mailed to Mr. A. B. Miser, Attention: Mr. B. W. Harrell, Mobil Oil Corporation, 3700 West 190th Street, Torrence, Californie 9050s. Delivery will be deemed to have been made when deposited in the United States mail, postage prepaid. Fifther party may, by notice in writing to the other, change such address for notices

IN WITHESS WID REOF the parties hereto execute this agreement.

STANDARD OIL COMPANY OF CALIFORNIA
WESTERN OPFRATIONS, INC

(A Division of Standard Oil Company
of California, a Delaware Corporation)

By NS, Part Conversed Vice President

MOBIL DIL CORPORATION

depto pent to the first to the

Arthur B. Hiser, ' maker

Dete

LICITED FOR MATER RICHTS MEST COAST LASIN

For and is consideration of the mutual undertakings and obligations of the parties as herminafter act forth end for other valuable consideration, the parties hereto agree as follows:

- 2. The term of this license shell be for the water year commencing October 1, 19 74, and continuing to end lociading September 30, 19 75, provided, however, that this agreement shall terminate Immediately upon the expiration, cancellation or termination of the thermap previously granted to Sunthing the Sunthing September 30, 12-115, 05-71-035, 05-71-036, 05-71-108.
- 3. LICEMBEE shall pay, before delinquency, all pumping assessments levied by the Central and West Basin Noter Repleoishment Olstrict in LICEMBEE's and the theory-five (25) acre-fact of water right(a).
- 4. LICEMSET SRALL comply promptly with all requirements of the Central and Mest Basin Mater Replendshment District (including the filing of pumping reports and the obtaining of exchange pool water if necessary) and those of any public agency or sathority.

5. LICENSOR has been adjudicated to own at least fifty-sever, and one tenth (57.1) acre-feet of water in the case -nitival "Celifornia Water Sarvice Company, et al., ws. City of Compton, et al.," Los Angeles Superior Court Case No. City of Compton, story North Parkson expressly makes no warranty that is here to be obtained by the court of th

because 4. Licosoff shell exercise all of the rights given to it hereunder.

A Licosoff shell exercise all of the rights given as a shell put the same on behalf of Licosoff and shell put the same to beneficial use. LiCosoff and relieved of its children to pump any of LiCosoff shell are to pump any of Licosoff shelling the pump or use such that its failure to pump any of LiCosoff shelling the pump or use such or sky other rectains indicate, also growth in the water table or she other rectains indicate, also growth in the water table or industry. It grants by Licosoff the water agriculturally or industry. It grants by Licosoff the licosoff with the control of the state of the same and th

7. LICENSOR shall not pump water from said West Coast Basin during the term of this license in a quantity which would include any portion of the twenty-five (25) acro-feet given hereundar.

8. LICENSEE agrees to relinquish to LICENSOR the right to pump any of the twonty-five 23 acre-feet harein licensed not pumped by the LICENSEE during the term of this License.

9. If eicher party to this license shall desire to earws a notice on the other, such notice shall be daemed to have been made if those sent to LICENSOR are mailed to Manager of Right of Way and Land Department. Southern California Reicen Company, 7. O. Sox 410, Long Beach to Manager of Way and Land Department. Southern California Reicen Company, 7. O. Sox 410, Long Beach to LITON VIVON Avenue, Tortance, C. 40504.

Management: and all notices and to LICENSE ARE mailed to LITON VIVON Avenue, Tortance, C. 40504.

Table when deposited in United States mail, postage prepaid. Either party may, by notice in writing to the other, change such address for notices to it.

IN WITNESS WHEREOF, the parties heroto execute this agreement on the date (frat shove written.

SOUTHERN CALIFORNIA EDISON COMPANY a California corporation

By

Manager, Right of Way & Land Dept.

1.TCFN SOR

By Sumikichi Nozaki

LICENSEE

LICENSE FOR WATER RIGHTS WEST COAST BASIN

This agreement is entered into this <u>25th</u> day of <u>August</u>, 19 <u>75</u>, by and between Southern California Edison Company, a California Corporation, bereinafter referred to as LICENSOR, and <u>Chiasto Otani</u>, bereinafter referred to as LICENSEE.

For and in consideration of the mutual undertakings and obligations of the parties as hereinafter set forth and for other valuable consideration, the parties hereto agree as follows:

- LICENSOR mereby gives to LICENSEE and LICENSEE takes from LICENSOR the right to exercise LICENSOR'S appro-priative, prescriptive and adjudicated right(a) to extract water from the West Cosst Basin (the ground water basin within the Central and West Basin Nater Replenishment Dietrict in the State of California) to the satent of twenty-three

 [23] acre-feet per annum.
- year commencing October 1, 1974 and continues to and including September 30, 19 75, provided, however to and spreament and terminate limediately upon the expiration, cancellation or termination of the License previously granted to Chiesto Otani , bearing Licensor's Socument number 222153
- 3. LICENSEE shall pay, before delinquency, all pumping asses ments levied by the Central and Mest Basin Mater Raplenishment District in LICENSOR's said tweoty-three (23) scre-feet of water right(s).
- ments of the Central and West Basin Water Replendshment District (including the filing of pumping reports and the obtaining of eachange pool water if necessary) and those of any public squency or authority.
- 5. LICENSOR has been adjudicated to own at least fifty-seven and one tenth (57.1) acre-feet of water in the case entitled "California Water Service Company, et al., ws. City of Compton, et al.," Los Angeles Superior Court case No. City of Compton, et al.," Los Angeles Superior Court case No. Lity is the court, LICENSOR expressly makes no warranty that is the court, acre is the court of the water right purported to be given heraunder. LICENSOR that water is not better that there is zufficient water in said West Coast Basin so as to enable LICENSEE to extract the rights given to it hereunder.
- 6. LICENSEE shall exercise all of the rights given hereunder and shall pump the same on behalf of LICENSER and shall put the same on behalf of LICENSER and shall put the same to beneficial use. LICENSEE shall be relieved of its obligations under this paragraph to the catent that its fellure to pump any of LICENSEN's rights given hereunder is caused by LICENSEE's inshillity to pump or use such under the control of the contr
- 7. LICENSOR shall not pump water from said West Coast Basin during the term of this license in a quantity which would include any portion of the twenty-three 23 acre-feet given hereunder.
- 8. LICENSEE agrees to relinquish to LICENSOR the right to pump any of the twenty-three (23) acre-feet hardin licensed not pumped by the LICENSEE during the carm of this License.
- 9. If either party to this licease shall desire to serve a notice on the other, such notice shall be deemed to have heen made if those sent to LICENSOR are mailed to Manager of Right of May and Land Department, Southern California wig801 network on of Supervisor of Property Management; and all notices sent to LICENSEE ARE mailed to 1872 South Prairie Avenue, Torrance, CA 90504.

 Dallvery will he doemed to have been added when deposited in United States mail, postage prepaid. Either party man, by notice in writing to the other, change such address for notices to it.

IN WITNESS WHEREOF, the parties hereto execute this egreement on the date first shove written.

SOUTHERN CALIFORNIA EDISON COMPANY California corporation PBPierook Managar, Right of Way & Land Dept.

LICENSOR

1. Chiseto Oteni

LICENSEE

MATER REGIT LICENSE AND ACRESHENT

For a valuable constitution, City of Inglewood From tipacific Crest Commercy, C. The liveous reserved, Theory are fort of liveous and administration and distribution of the commerce of the

Said License is granted, subject to the following conditions

- (1) Licensee while corresponding to another the name on perfect the many of the perfect through and yet the many of the many o
- (2) Licensee shell pay susressents levied on the pumping of seld ground veters by the Central and West Basin Mater Replenishment
- (3) Licenses shall notify the District and the Watermaster that said pumping was done pursuant to this license end provide the Water-waster with a copy of this document.
- (4) Licenser shall note, in any recording of water production for the period of agreement, that seld pumping was done pursuant to this license.
- (3) Licensee's Adjudicated Fight Shalf not (ahall)
 be increased by the amount hefeby leased who computing carryowe or allowable oversatraction seprovided by Peragraph VI in each

City of Inglewood verrante that it has Twenty a refer of Aljedicated Algot and that it has not proved and will not pure or per not or I trease only other represent to young only per of eating Thempty accesses where represent the purpose of the period of October 1, 1976, through September 30,1975.

Dated: Kung Id I CITY 05, 18 18-000 Pacific Creat Contery Co. Apr. Table | Notes Title Treasurer City Clork

7/75ab APPROVED AS TO POM CHAT City Actorney

Return: Pacific Crast Cometery Co. Inc.

AGREEMENT

THIS AGREEMENT made and entered into this 15 th , 1975, by and between the CITY OF INGLEWOOD, a municipal corporation, hereinafter referred to as "INCLINCOD", and the SOUTHERN CALIFORNIA MATER COMPANY, hereinafter referred to AR "COMPANY".

RECITALS

MILEREAS, both INGLEWOOD AND COMPANY are producing from the West Basin; and

WELREAS, INCLENCED has an Adjudicated Right of 4,385.57 acre-feet per annum in said Basin; and

MEREAS, COMPANY desires to make temporary use of a portion of Inglewood's Adjudicated Right for one water year only;

MON. THEREPORE. THE PARTIES HERETO AGREE AS POLLOWS:

- 1, INGLEMOOD will grant to COMPANY by a seperate document a license to produce a portion of INGLEWOOD'S West Basin Adjudicated Right in the quantity of 300 acre-fmet for the water year which commences October 1, 1974 in which water year ends on September 30, 1975.
- 2. The COMPANY agrees to pay INGLINOOD the net eum of \$0,500 during the month of October 1975.

COMPANY will pay to the Central Basin and West Basin Replemishment District any pumping assessments lovied by the District during the 1974-75 water year on the quantity of water extracted by the COMPANY from the West Basin under said licensa.

- R. COMPANY will keep and maintain records of aground production under this Agreement and will report same to the Matermastor and to INGLEMOOD upon completion of COMPANY's pumping.
- 5. INCLUMOSO grants to COMPANY as part of this Agreement the right of flexibility according to the provisions of the Judgment in Los Angeles County Superior Court Cosc No. 506806, California Water Service Company, et al vs. City of Compton.

IN WITHESS WHEREOF, the parties herato have authorized the due execution hereof by their respective officers the day and year first above set forth.

SOUTHERN CALIFORNIA WATER COMPANY

municipal corporation,

HELEN RIECE, CITY CLERK

LEASE OF WATER RICHTS

THIS LEASE, entered into se of October 1, 1974 by and between CALIFORNIA WATER SERVICE COMPANY, e California corporation, (herein called "Lesenr") and TEXACO INC. (herein called "Lesees");

WITHPSSETH.

WHEREAS, Lesent owns the preacriptive right to pump annually 1500 ecre-feet of weter from a basin of ground water lo southwestern Los Angeles County known as the West Coast Basin, which right was adjudicated and confirmed by the decision of the California District Court of Appeal on Fabruary 17, 1964 in California Water Service Company et al v. City nf Compton et el (lat Civil Nn. 21156); end

WHEREAS, Lessor and Lessee desire that Lesson's water rights be leased to Lreece upon the terms and conditions herein stated;

NOW, THEREFORE, it is agreed so Inllows:

- 1. Leasnr hereby leases to Leases -- and Leases hereby takes and rente from Leasor -- the above recited water rights owned by Leasor on the terms and conditions herein stated.
- .. The term of this lease shall be five years commencing October 1, 1974 and ending September 30, 1979. It shall be subject to earlier termination by Lessor on ninety days' advance written notice to League in the event that by reason of any emergency Leasor shall be unable to obtain from sources other than the West Const Besin the water ngeded to supply ite customers or should the Lessor decide to sall such water rights. In the event of any such premature termination of this Lease, Lessor shall forthwith return to Leesse any rent previously paid which is in excess of the rent due for the quarterly period in which such termination occure for weter ectually pumped by Lessee during such quarterly period as of the date of termination.
- 3. For the water rights lessed to Lessee hersunder Lesses shall pay to Leasor \$50.00 per acre-foot per year.
- 4. Lessee shall pay directly to the West Basin Water Replanisheant District any and all pump sessessents and any and all charges levied on the waters produced hereunder by Lesses.
- 5. Payment of the sums due to Lessor pursuant to Paragraph 3 above shall be eade quarterly in advance.
- 6. Any notices required or permitted hereunder shall be effective when directed to Lessor at Post Office Box 1150, San Jose, California 95108 or to Leasee at Post Office Box 817, Wilmington, California 90744 and deposited, postage prepaid, in the United States mail. Either party may from time to time by notice to the other given as aforesaid change its address for future notices hereunder.
- 7. The respective rights and obligations of Leasnr and Leasee haraundar shell extend to and inure to the benefit of and be binding upon their respective successors in interest.

IN WITNESS WHEREOF, the parties hereto have executed this Leens as nf the day and year first above written.

CALIFORNIA WATER BERVICE COMPANY

-2-

SUGGESTED SAMPLES OF DOCUMENTS FOR TRANSFERRING WATER RIGHTS

YEARLY LEASE	PERMANENT TRANSFER
WATER RIGHT LICENSE AND AGREEMENT	DEED OF WATER RIGHTS
Por a valuable consideration, TGC JONG DOC COGNAY hereby greats to John Buich: a license to satract Acta - Cert Cert of a license to satract Acta - Cert Cert of a license to satract Acta - Cert Cert of a license to satract Acta - Cert Cert of a license to satract Interest) under and pursuant to Judgment dated August 18, 1901, and entered in Los Angeles Superior Court Case No. 50505 entitled (alifornia where Perrice Company et al. we City of Compton, at al. " Said License is granted, subject to the following conditions (i) Licenses shall swarchs end cipits and extract the same on behalf of JONG DOC COGNAY during the period slowe specifies to exercise hereunder of said right soquire say right to extract water independent of the rights of licensor. (2) Licenses shall passersements level on the pumping of said ground waters by the Control and West Basin Weer Replanishment District on the Vastamaster that said ground waters by the Control and West Basin Weer Replanishment District on the District on the Watermaster that said pumping was done pursuant to this license shall notify the District on the Watermaster that said pumping was done pursuant to this license (5) Licenses shall not in any recording of water production for the period of agreement, that said pumping was done pursuant to this license (6) Licenses shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license (7) Licenses shall note, in any recording of water production for the period of agreement, that said pumping was done pursuant to this license (8) Licenses shall note, the mount hereby leased were capaciting the pursuance of the License in the License in the pursuance of the License in the pursuance of the License in the pursuance of the License in the license in the license in the pursuance of the License in the license in the license in the	For a valuable consideration, JUBN SMITH hereby sells and transfers to the JOHN DOE COMPANY: The Right to extract acre-feet of grantor's Adjudicated Right allocated to grantor (or predecessors in interest) under and pursuant to Judgement dated August 18, JOHN and entered in Los Angeles Superior Court Case No. 506806 entitled "California Water Service Company, et al. vs. City of Compton, et al." Dated: JOHN DOE COMPANY
Adjudicated Hight and that it has not pumped and will not pump or permit or license any other person to pump any pert of asid acre feet during period of October 1, 197_ through September 30, 197_	Title Title
Dated	
JOHN DOP CYMPARY JOHN FROTTH	
Ву	
7itie	



APPENDIX B GROUND WATER EXTRACTIONS

APPENDIX B. GROUND WATER EXTRACTIONS (in acre-feet)

	OWNERS		1974				PRO	DUCTION	1975					TOTAL
STATE	DESIG-	ост	HOV	0EC	JAN	FEB	HAR	APR	MAY	JUN	JUL	AUG	SEP	TOTAL
NUMBER	NOTTAN	001	I MOA	DEC	JAN	1 168	HAR	APR	MAT	JUN	J 30L	AUG	36P	
A B	C NURSERY	, INC												
35/13V-29F115)	D		۵	۵	.20	.85	.01	a	2.93	4.35	4.62	2.06	15.84
337134-277113	•		·			•••	•••		•		4433			
AME	PICAN PLAN	T GROWER	S INC	8										
45/13W-19J065	A29M	2.71	1.41	1.22	2.05	2.20	1.87	1.59	3.95	3.55	4.78	4.95	5.38	37.46
ATL	ANTIC RICH	FIELD CO	HP ANY											
45/13W~21J025 45/13W~21H025	10	155.39	164.69	207.93	181.84	107.16	150.33	160.50	149.30	189.90	198-03	178.63	161.98	2037.00
45/13W-22E015	5	113.55	132.25	155.79	134.46	18.60	32.72	53.69	16.47	54.64	122.56	129.09	119.43	1083.74
45/13W-21H855 45/13W-21H865	7 8	79.75 45.41	99.72	121.69	117.50	36.49	36.24	45.95	27.01	40.36 7.71	A6.36	56.00 78.79	86.51	633.64 725.41
45/13W-22F815	9	67.40	72.16	60.34	95.55	112.23	121.41	112.43	112.89	105.86	95 - 67		169.86	1154.67
45/13W-16F025 45/13W-21H075	11	164.86	245.48	144.33	133.78	317.81	322.44	84.15	156,33	160.56	174 - 84 285 - 69	251.69	195.14	3066.84
701AL51		969.56	935.44	925.38	974.34	A16.76	675.61	765.38	833.09	861.32	955.20	978.31	948.91	10639.30
1011231														
CAL	IFORNIA W	TER SERV	ICE COMP	ANY										
35/14W-29F015	2001	62.77	44.46	41.94	44.30	42.97	49.47	54.30	62,57	61.64	71.46	71.29	61.56	668.73
35/14W-29J015 35/14W-32A025	8-02	85.28 45.85	36.64	34.38	64.86	62.53 33.26	72.78	78.95	91.00	92.42	103.93	103.59 55.86	92.31	976.40 522.58
TOTAL SI		193.62	146.52	141.73	143.95	138.76	158.65	175.74	203.69	204.98	230.98	230.76	200.21	2169.71
TOTAL ST		173.02	140.32	1-11-13	143.73	130.10	130.03	113014	203.07	204.70	230.76	230.10	200.21	2107.71
CHAI	NOLERS PAL	OS VERDE	5 SAND-G	R CORP										
45/14W-35E065	51060	25.07	27.71	22.03	22.76	20.02	10.65	15.36	40.68*	50.93	52.57	62.82	42.34	393.56
D€ 5	SER ENTERE	RISES												
45/13W-150815	878M	0	.024	.02	0	.04	.04=	.02	0+	.044	.04*	.044	.020	.28
DOM	INGUEZ WAT	ER CORPO	RATION											
45/13W-11K035	1072	1.36	2.69 89.22	91.20	1.79	.91	91.00	80.59	3.16	5.83 87.43	7.63	87300	1.53 83.52	26.77
45/13W-170015 45/13W-15 5	HP801	86.52 373.96*	390.98*	305.52*	412.034	237,11	° 260.32°	312.58*		422.484	547.084	492.120	497,59#	4595.05
45/14W-100035 45/14W-100045	32	199.79	184.61	185.71	191.65	166.69	190.86	179.32	208.27	199.86	196.02	201.31	190.45	2294.74 1895.81
45/13#-29E055	75	0	0	137.58	151.10	137.01	0	0	0	167.73	161.17	52.28*	130.00	52.20
TOTALSE		834.69	838.92	720.37	835.76	601.96	670.05	747.89	820.10	A85.53	999.95	1003.22	929.69	9888.13
FLE	TCHER DIL	AND REFI	NING CON	PANY										
45/130-304055	3	9.80	9.47	6.77	4.53	5.54	8.12	6.65	7.42	7.56	9.46	8.95	9.85	94.09
FUJ	1M070+ 5A	HUEL R AN	D RAYMON	0 S										
35/13W-304105	1	.46	.44	.27	.37	.31	.48	.66	.74	.61	1.04	.77	.93	7.10
		****	Dereson											
	RETT CORP.													
35/14W-35M075	NEA	*05	.09	.02	-12	.07	.08	.05	.05	.02	-04	-89	.07	.72
HAW	THORNE . CI	TY OF												
35/148-094045		19.12	14.43	17.06	17.23	14.47	20.97]R.24	19,23	16.10	20.63	21.10	23.05	223.45
35/14W-09P015	8	35.76	32.55	32.05	34.81	27.63	38.09	35.26	17,64	18.32	37.97	38.65	41.86	390.59
35/14W-09N055 35/14W-09M015	12 13	52.86	47.34	47.07 52.91	50.74	48.53	36.19 71.20	57.53 48.02	73.76 46.12	50.65	61.57	54.81	48.62 78.18	645,92
TOTALS		160.06	136.69	149.06	159.00	131.75	166.45	159.05	156,75	151.61	167-62	165.33	191.91	1095.56
TOTAL 7.		200.00	. 30,09	. 47.00	179.00	. 31. 15	.00.47	134.03	130,13	191,61	101.05	102.33	. 71. 71	10.20.20
HIL	LSIDE MEN	RIAL PAR	К											
25/148-196035	2	2.61	1.10	1.36	4.85	1.32	0	3.79	7.33	9.67	15.07	13.67	5.98	66.97
HOLI	LYWOOD TU	F CLUB												
25/14W-34L025 25/14W-34F015		12.77	13.19	8.12	6.83	2.57	2.91	4.45	11.36	10.65	12-46	11-18	11.63	108.32
	30102		1.74	-91		01	4.23	6.83	12.01	14.15	13.81	9.11		
TOTALSE		22.11	14.93	9.03	6,83	2.50	7.14	11.28	23.37	24.80	26.27	20.29	22.93	191.56

APPENDIX B. GROUND WATER EXTRACTIONS (In acre-feet) (Continued)

STATE	OWNERS		1974				PRO	DUCTION	1975					TOTAL
WELL NUMBER	DESIG-	ОСТ	NOV	OEC	JAN	FEB	HAR	APR	MAY	JUN	JUL	AUG	SEP	10120
Nonge.	NA / TOIL	301	1	1 000	1 0111	1 100	1 1111	I Ar K	11	1 30.1	1 300	1 400	1 3(1	
ING	FEMODO. C	11Y OF -	GOLF COU	RSE										
25/14W-34C025	5	4.13	4.43	1.42	3.20	1.61	1.30	4.57	7,85	7.10	9.13	7.01	5.34	57.29
TNO	SE+ KENIC	H1												
35/13W-29C08S		1.32	1.11	.56	.63	.60	. 8 .	1.16	2.06	2.13	2.81	2.69	2.12	16,22
								•						
	INS MANVIL													
45/13w-15N015	ww001	72.70	77.65	61.19	70.04	67.31	72.64	57.65	50.05	46.07	11.75	42.94	46.94	672.93
LOS	ANGELES.	CITY OF												
45/13W-31 5	MP001	0	141.18	488.98	449.95	392.79	436.41	366.39	0	250.69	427.00	423.09	310.15	3666.63
	ANGELES													
35/14W-27C015	761	21.56	29.89	14.16	31.62	10.81	16.17	27.24	46.14	56.90	72.03	64.56	46.94	430.24
LOS	ANGELES	COUNTY SA	NIT DIST	NO 2										
45/13W-30C015	819	2.53	0	6.14	14.74	15.12	12.36	10.99	4.37	6.70	3.84	1.12	12.56	90.49
	-ANGELES													
35/14W-11J025	1397C	16.92 9	3.25	2.61	2.77	0	0	1.99	14.10	17.08	25.59	16.84	15.94	119.09
MAN	HATTAN BE	ACH+ CITY	OF											
35/14W-290035		71.54	67.25	68.40	68.64	56.74	67.32	60.22	57,22	49.33	39.15	38.25	34.92	676.18
35/14W-30HQ25	13	0	0	0	0	0	0	0	68.28*			72.05	68.93	352.28
TOTALS		71.54	67.25	68.40	68.84	56.74	67.32	60.22	125.50	119.98	111.52	110.30	100.65	1028.46
HAY	FLOWER NU	RSERIES												
35/14W-25K065	NORM)	•35	.38	-16	.19	.16	-14	.26	.27	.33	. 36	.30	•51	3.10
35/13W-318075	9DW15	-09	.06	-03	-04	.04	-04	-07	.06		-09	-13	-06	3.90
TOTALSI		-41	.44	-19	.23	.20	.18	.35	.33	.40	٠45	.43	•29	3.90
NOB	IL OIL CO	PORATION												
45/14V-03L025	70002	16.54 92.79	88.51	0	57.33	60.68	69.02	64.68	54,41	71.66	76.16	65.17	59.83	595.68 1116.40
45/14W-03L035 45/14W-03L045	70004	91.50	67.74	94.47	94.61	77.98	67.35	91.35	92,64 93,24	93.27	105.33	112.69	128.10	1086.06
45/14W-03M015	10000	319.49	209.00	307.56	116,33	329,53	366.56	352.51	355,40	335,50	129.48	121.75	406.82	4205.09
TOTALST		314.44	209.00	307.58	363.11	324.53	J00.50	352.51	355.40	335.50	366.19	412.52	*40.52	4205.07
NOZ	AKI NURSE	> Y												
35/13W-29K015	NOZ	4.36	2.70	5.59	2.54	2.09	2.83	1.00	4.96	6.24	6+11	6.49	6.17	48.68
074	NI+ CHISA	10												
35/14W-34N045		1.63	0	.42	. 35	0	. 34	.52	2.19	2.27	3.15	1.74	.60	13.41
35/14W-33R045	OTANS	1.52	.64	.29	.38	,62	.41	0	0	6.20#	3.60	3.00*	5.35*	19.16
70TAL 51		3.15	.64	.71	.73	.62	.75	.52	2.19	8.47	6.75	4.74	3.12	32.59
PAC	IFIC CRES	T CEMETER	Y COMPAN	(Y										
35/14W-33E015		4.05	4.46	3.16	2.66	1.11	1.24	1.63	5.13	7.42	7-11	5.06	13.03	56.28
									54.5					
PAL	OS VERDES													
45/14W-21N015	1	.194	.050	.07*	.06	.070	.07	•11°	. •15°	.19°	.17*	•19°	.53,	1.57
PAR	K WATER C	OMPANY												
35/14W-22R025	15A	0	0	0	0	0	0	0	0	0	-01	•21	0	•55
35/14W-22C015	156	.13	20.94	13.20	16.00	13.42	.03 16.94	17.74	24.26	27.09	1.25	1.30 25.67	1.26	5.27 253.30
							16.97					27.18		250.07
TOTALSI		22.54	20.96	13.30	16.02	13.44	16.97	17.74	24.62	27.95	31.65	27.10	26.50	5 20 40 1

APPENDIX B. GROUND WATER EXTRACTIONS (In acre-feet) (Continued)

	OWNERS		1974				PRO	DUCTION	1975					TOTAL
STATE	DE51G-		_	T	1	FEA	HAR	APR		-	1	1		TOTAL
NUMBER	NATION	OCT	NOV	0€.C	JAN	1 FEB	N4R] APR	MAY	NUL	JUL	AUG	5EP	·
ROMA	N CATHOL	C ARCHRI	SHOP OF	L A										
25/14W-180015		0.54	6.27	1.00	2.99	1.21	•11	3.55	5,93	6.42	16.56	14.93	14.21	63.60
52/14#-190012	HOL 14	0.54	0.51	1.00	2477	1.61	•11	3.00	7473	0.42	16.30	14.43	14.61	63.60
5HEL	L OIL CON	PANY												
45/13W-21R015	W1002		98.24	79.00	61.97	70.55	65.56	90.32	67.92	59.77	P8.99	17.61	36.53	776.46
45/13W-10E035	00004	147.72	32.03	1.11	33.19	118.94	131.50	114.07	39,20	.59	8.11 125.95	135.55	136.66	49.95
45/13W-21R025	w1003	95.27	54.05	25.60	20.65	24.66	19.13	11.99	33.43	37.73	82.43	65.32	138.45	626.11
45/13H-10E045	0006	130.62	145.44	155.06	149,91	116.99	129.17	127.74	113.41	93.15	96.76	98.61	93.21	1450.27
1074L5:		381.85	452.90	361.07	285.92	331.14	365.36	344.12	254.03	271.44	402.24	337.09	404.65	4192.01
5001	HERN CALI	FORNIA E	0150N C0	MP4NY										
35/144-348025	FRESA	.39	.19	.00	.01	.11	.02	.03	.42	.52	.47	. 39	.56	3.21
45/13W-274025 45/13W-144075	HANSN CCNUR	.15	.07		.10		.10=	07 e	.104	.08	.08	.10		1.05
TOTALSI		.60	.41	.24	-17	-43	•12	.10		.75				5.97
TOTALST		. 60	.41	.24	.17	.43	*12	.10	.69	. 15	.77	•BA	.81	5.97
5001	HERN CALI	FORNIA W	ATER COM	IPANY										
35/14W-144016	EW001	. 0	0	2.52*	.12 •	0	. 0	. 0	. 0	11.09	36.06	22.11	0.09	79.99
35/14W-04N015 35/14W-224015	TR001 CN001	35.92 35.56	43.51	30.57 37.09	30.10 46.65	26.19	29.09 37.00	29.13	25,32	50.18 45.78	56.67 42.16	56.75 41.301	52.51	473.94
35/14W-224025 35/14W-138025	CN002	43.93	53.5n	49.72	65.26	43.63	49.98	45.44	54.00	65.59 37.66	60.04	59.34 69.16	58.43 69.17	310.32
35/14W-03K015	A0003	37.67	0	11.77	21.94	16.47	10.6A	7.49	10.05	21.69	43.07	36.96	6.30	234.11
35/14W-03K025	YU002	63.66 56.16	50.00 53.50	51.20 46.67	74.76* 51.93	58.26 38.54	62.99	60.06 70.61	79,86	71.12	69.48	00.33 74.79	75.72 75.48	606.35 743.69
35/14W-13J035	50003	0	0	0	0	0	4.69	28.36	45,61	46.73	47.08	45.72	43.44	262.03
35/14W-13J045 35/14W-140015	50004	65.76	57.28	55.65 59.74	55.52	48.61 15.90	47.37	20.50	7.51	14.97	17.92	18.48 35.58	17.49 16.49 *	427.26
35/14W-22L015	C0001	32.94	69.29	92.70	92.99	79.24	68.91 10.15*	64.52	90.70	49.45	A2.09	63.12	30.53	916.48
35/14W-25P045	DA001	31.04	39.30	25.49*	.77 3.04	. 39	8.65#	17.92	24.740	56.25 32.16	56.92 75.63	57.99 55.88	55.70 * 34.38	355.91 346.62
35/14W-11G025	A [00]	0	0	20.95	20.07	22.04	23.86	23.39	29.41	34.30	48.54	45.47	47.80	315.63
TOTALSE		416.56	455.39	492.07	510.51	396.88	510.12	505.44	590.42	706.30	830.20	765+02	632.38	6611.29
5P4R	KLETTS DR	INKING W	ATER COR	P										
35/13W-290065 35/13W-290075	1 2	4.98	3.65 2.63	4.05	4.04	3.72	3.65	3.90	3.61	3.73	4.02	3.50	3.62	46.67
707ALS1	ε	7.93	6.48	3.55	3.99		5.63	_	2.90	2.00	2.85	5.65	2.91	35.41
TOTALST		7.93	0.46	7.27	6.03	6.29	6.28	6.84	6.71	6.53	6.87	6.32	6.53	62.08
STAU	FFER CHEN	ICAL COM	PANY											
45/13W-10C025	00014	49.38	31.14	43.91	30.63	38.45	32.01	33.99	33.94	35.37	37.37	35.76	34.49	436.48
TEAA	CO INCORP	ORATED												
45/13#-225025	H4001	13.06	11.56	4.54	15.12	13.33	18.16	14.27	15,78	14.74	14.44	13.71	12.49	161.22
45/13W-27N055	8 9	306.09	273.19	153.01	146.39	39.60	36.05	116.52	93.01	140.92	182-57	180.19	171.45	1853.99
45/13w-27M055	4	65.56	63.64	242,45	506.55	180.96	199.56	160.94	146,77	161.93	171.92	141.39	166.23	1927.61
TOTALSE		366.73	348.59	400.80	367.73	234.11	255.79	293.73	255.56	345.59	364.93	335.29	350.17	3943.02
TORR	ANCE . CIT	Y OF WA	TER DEPA	RTHENT										
45/148-10J015	5	.04	.05	• 02	.15	.02	.01	.03	,02	5.06	63.66	110.65	93.09	271.00
45/14W-10K025 45/14W-10R035	5	59.07 11.61	11.33	1.61	1.89	.00	.07	.11	104,60	307.62	302.57	305.36	256.56	1303.56
35/14W-34C025	6	0	0	0	.17	-0	0		58,44	138.34	153.48	141.00	152.09	643.52
T074L 51		70.72	16.18	7.13	14.72	.10	.06	-14	223.27	790.10	666.69	902.34	617.31	3711.00
UNIO	N NURSERY	INC												
35/13w-290005	631A8	2.10	1.66	1.29	1.35	1.22	1.94	1.67	2,43	2.08	2.88	2.63	2.11	23.36
	N DIL COM													
45/13W-31P015 45/13W-31P025	L4003	56.60	54.79	42.15	34.49	23.11	25.78.	24.95	24.09	0	0	67.96	65.36	266.16
7014L54		56.80	54.79	42.15	34.49	23.11	25.78	24.95	24.09	0	0	87.96	65.36	439.48

APPENDIX B. GROUND WATER EXTRACTIONS (In acre-feet) (Continued)

STATE	OWNERS		1974				PHO	DUCTION	1975					TOTAL
WELL NUMBER	DESIG- NATION	oct	NOV	DEC	JAN	FER	HAR	APR	HAY	JUN	JUL	AUG	SEP	1
UN:	1TEO STATE				71.89	77.64	79.26	70.23	80.52	61.99	50.74	35.13	31.36	800.35
76	IGLER+ MAX	WELL T.												
5/13W-31M015	5 813 N	1.88	1.49	.61	.59	.74	.82	1.82	3.67	3.19	4.52	3.46	3.17	25.96
ORAND	TOTALS	4231.85	4207.63	4388.84	4511.22	3725.67	3973.29	4081.22	4221.28	5322.25	6139.46	6148.03	5722.07	56672.81
*ESTIMATED	PRODUCTION													



APPENDIX C CHANGES IN WELL STATUS 1974-75

Wells Drilled

\(\frac{4\sigma}{13\wsqrtar}\) Dominguez Water Corporation \(\frac{4\sigma}{13\wsqrtar}\) Union Oil \(\frac{4\sigma}{13\wsqrtar}\) LACFCD \(\frac{4\sigma}{13\wsqrtar}\) LACFCD \(\frac{4\sigma}{13\wsqrtar}\) LACFCD \(\frac{4\sigma}{13\wsqrtar}\) LACFCD \(\frac{4\sigma}{13\wsqrtar}\) LACFCD \(\frac{4\sigma}{14\wsqrtar}\) LACFCD	4S/13W-27M05	Texaco, Incorporated
\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	4S/13W-29E05	Dominguez Water Corporation
4s/13w-32P05 LACFCD 4s/13w-32P06 LACFCD 4s/13w-32P07 LACFCD 4s/13w-32P07 LACFCD 4s/14w-08M16 LACFCD 4s/14w-08M12 LACFCD 4s/14w-08N13 LACFCD 4s/14w-08N13 LACFCD 4s/14w-17D15 LACFCD 4s/14w-17E12 LACFCD 4s/14w-17E13 LACFCD 4s/14w-17E14 LACFCD 4s/14w-17N09 LACFCD 4s/14w-17N10 LACFCD 4s/14w-20D10 LACFCD 4s/14w-20E02 LACFCD 4s/14w-20E02 LACFCD	4S/13W-31P02	Union Oil
58/13W-05C03 LACFCD 58/13W-06A01 LACFCD 58/13W-06A02 LACFCD	4s/13W-32P05 4s/13W-32P06 4s/13W-32P07 4s/13W-32P07 4s/14W-08M16 4s/14W-08N12 4s/14W-17D15 4s/14W-17E12 4s/14W-17E13 4s/14W-17E14 4s/14W-17N10 4s/14W-20D10 4s/14W-20D10 4s/14W-20E02 4s/14W-20E04 5s/13W-03P20 5s/13W-05C03 5s/13W-06A01	LACFCD

Wells Destroyed

2S/14W-28L01	Inglewood, City of
4S/13W-10L01	Dominguez Estate Company
4s/13W-15CO1	Watson Land Company
4S/14W-05N10	LACFCD
5s/13W-03C03 5s/13W-03P16	Union Pacific Railroad Union Pacific Railroad
5S/13W-10G03	Long Beach Oil Development Company



APPENDIX D

CONVERSIONS, ENGLISH TO METRIC SYSTEM

Quantity	English unit	Multiply by	To get metric equivalent
Length	inches (in)	25.4	millimetres (mm)
		.0254	metres (m)
	feet (ft)	.3048	metres (m)
	miles (mi)	1.6093	kilometres (km)
Area	square inches (in ²)	6.4516 × 10 ⁻⁴	square metres (m ²)
	square leet (ft ²)	.092903	square metres (m ²)
	acres	4046.9	square metres (m ²)
		.40469	hectares (ha)
		.40469	square hectometres (hm²)
		.0040469	square kilumetres (km²)
	square miles (mi ²)	2.590	square kilometres (km²)
Volume	gallons (gal)	3.7854	litres (I)
		.0037854	cubic metres (m ³)
	million gallons (10 ⁶ gal)	3785.4	cubic metres (m3)
	cubic feet (ft3)	.028317	cubic metres (m ³)
	cubic yards (vd3)	.76455	cubic metres (m ³)
	acre-feet (ac-ft)	1233.5	cubic metres (m ³)
	, , , , , , , , , , , , , , , , , , , ,	.0012335	cubic hectometres (hm ³)
		1.233×10^{-6}	cubic kilometres (km³)
Volume/Time			
(Flow)	cubic feet per second (ft ³ /s)	28.317	litres per second (I/s)
		.028317	cubic metres per second (m3/s)
	gallons per minute (gal/min)	.06309	litres per second (I/s)
		6.309 × 10 ⁻⁵	cubic metres per second (m3/s)
	million gallons per day (mgd)	.043813	cubic metres per second (m^3/s)
Mass	pounds (1b)	.45359	kilograms (kg)
	tons (shart, 2,000 lb)	.90718	tonne (t)
		907.18	kilograms (kg)
Power	horsepower (hp)	0.7460	kilowatts (kW)
Pressure	pounds per square inch (psi)	6894.8	pascal (Pa)
Temperature	Degrees Fahrenheit (°F)	$\frac{tF - 32}{1.8} = tC$	Degrees Celsius (°C)







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